

SUMMARY

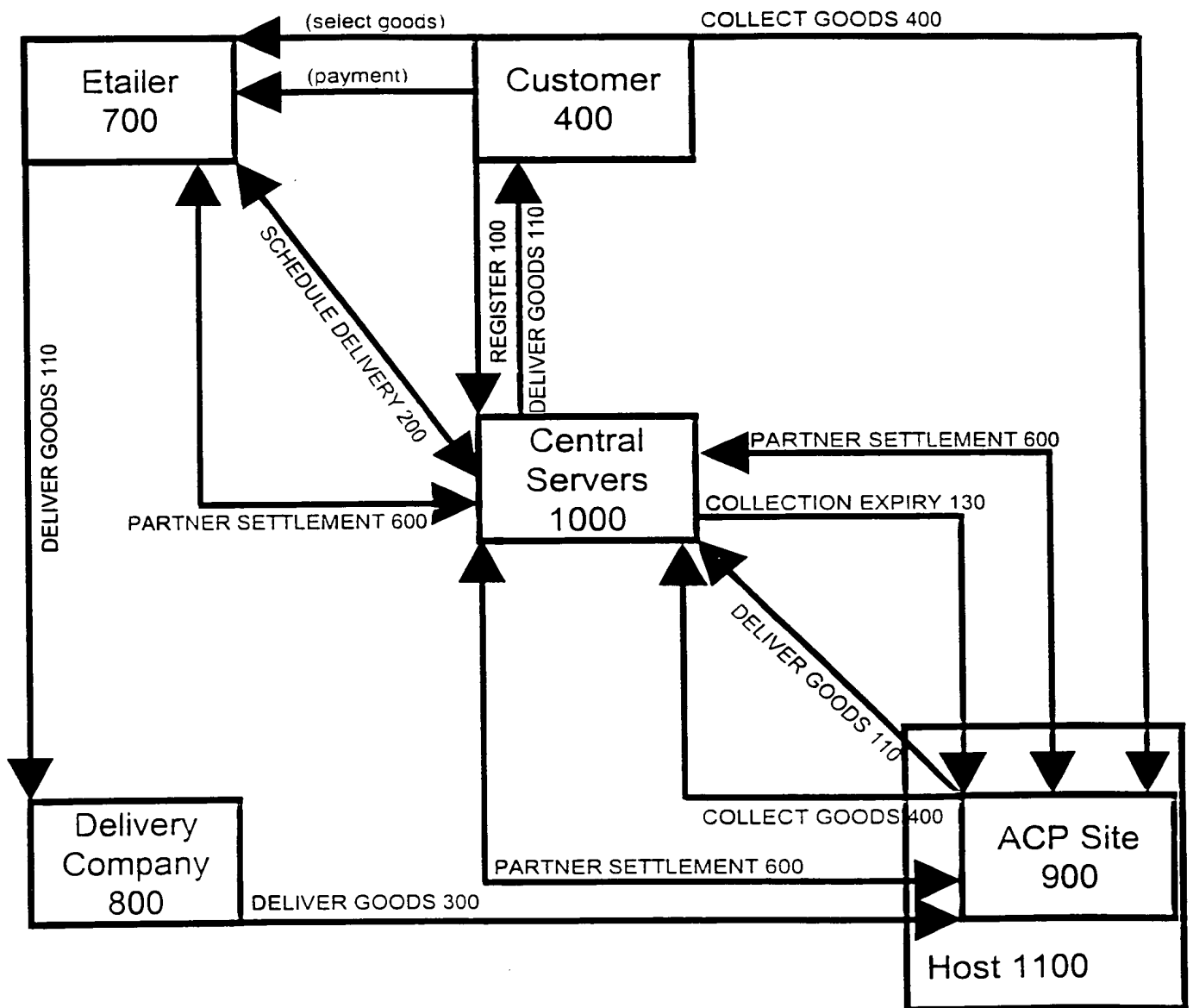


FIG. 1

Central Servers 1000

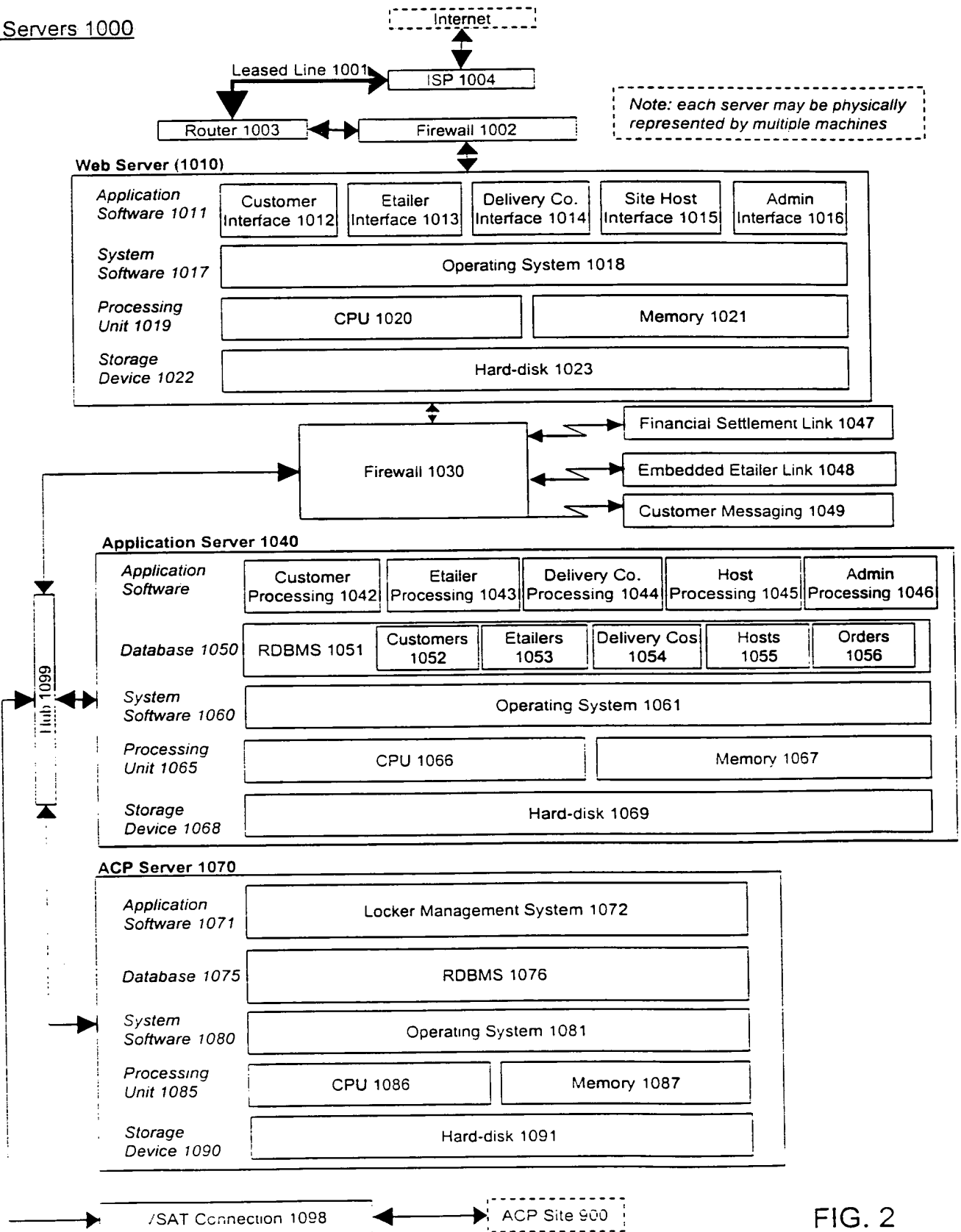


FIG. 2

Etailer 300

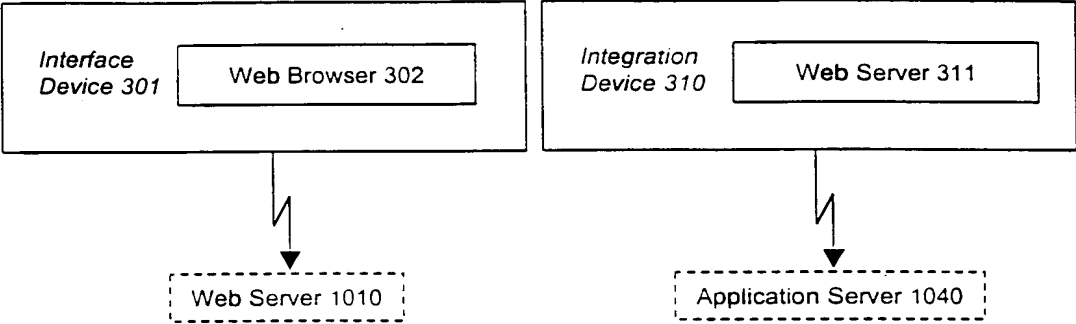


FIG. 3

Customer 1200

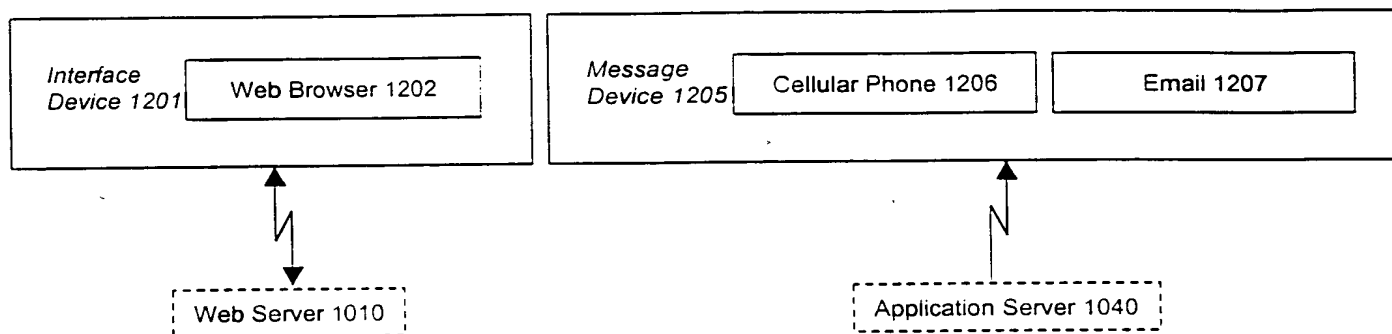


FIG. 4

ACP Site 900

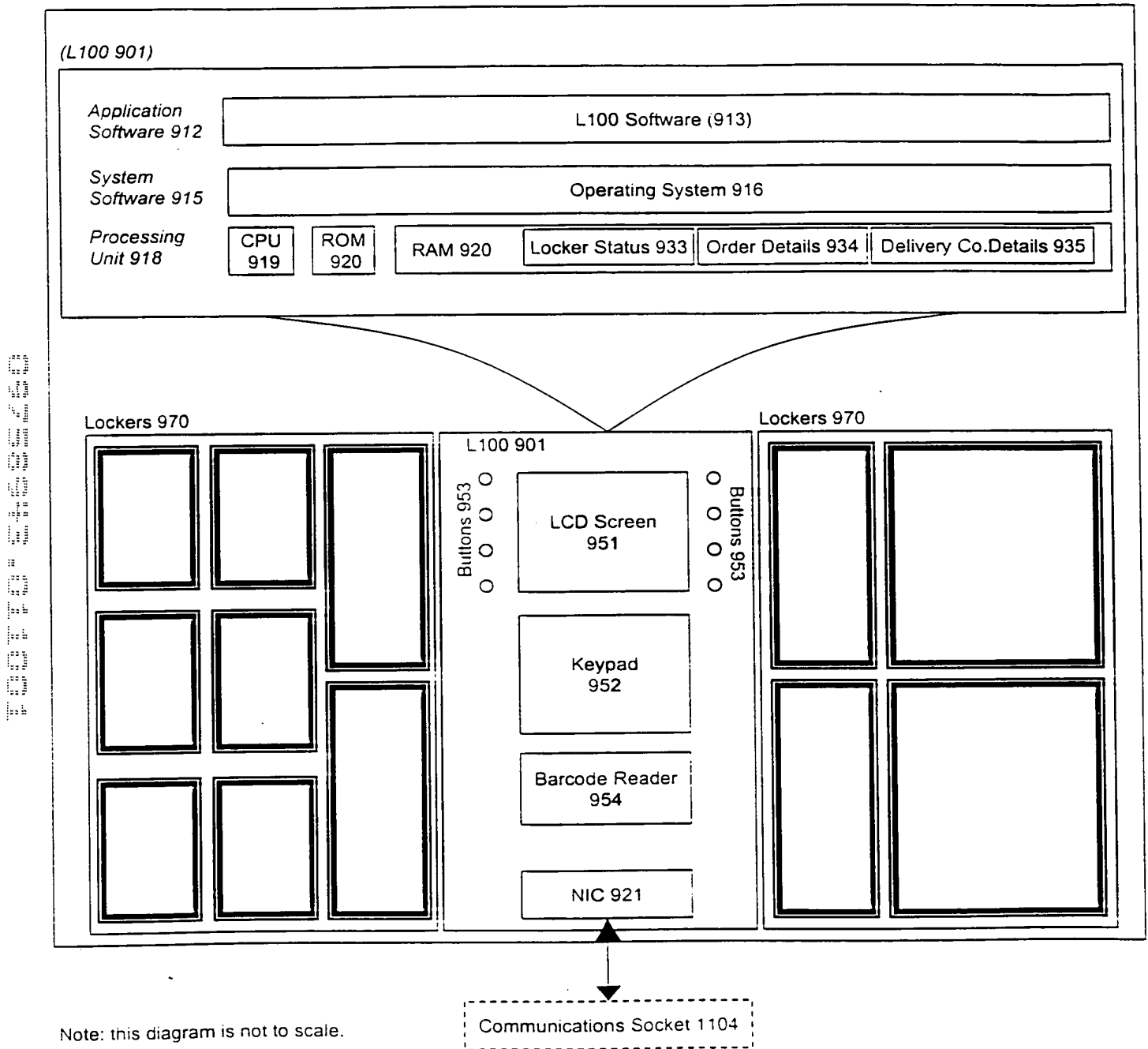


FIG. 5

Delivery Company 800

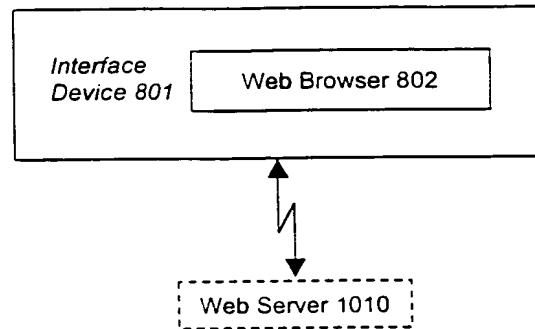


FIG. 6

Host 1100

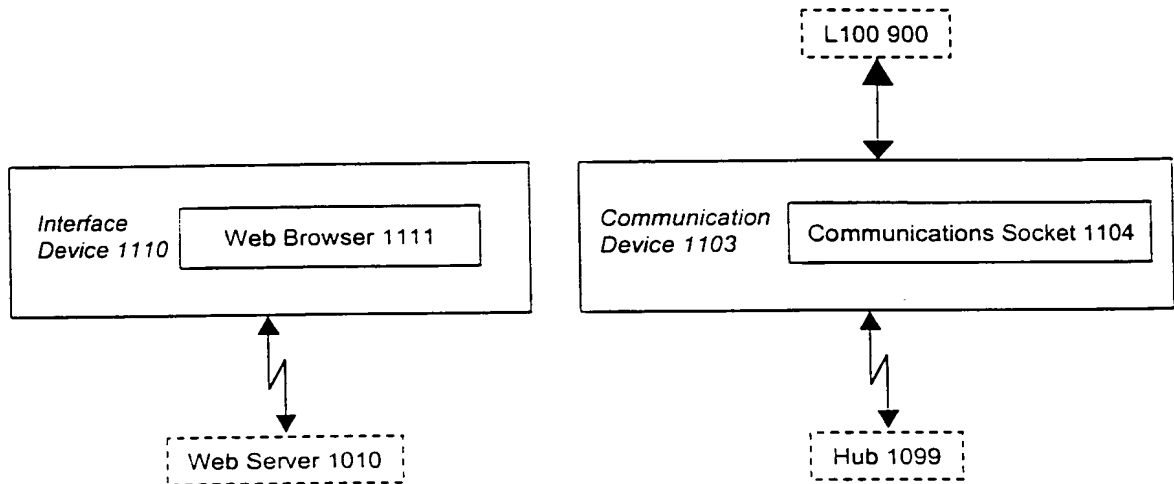


FIG. 7

REGISTER 100

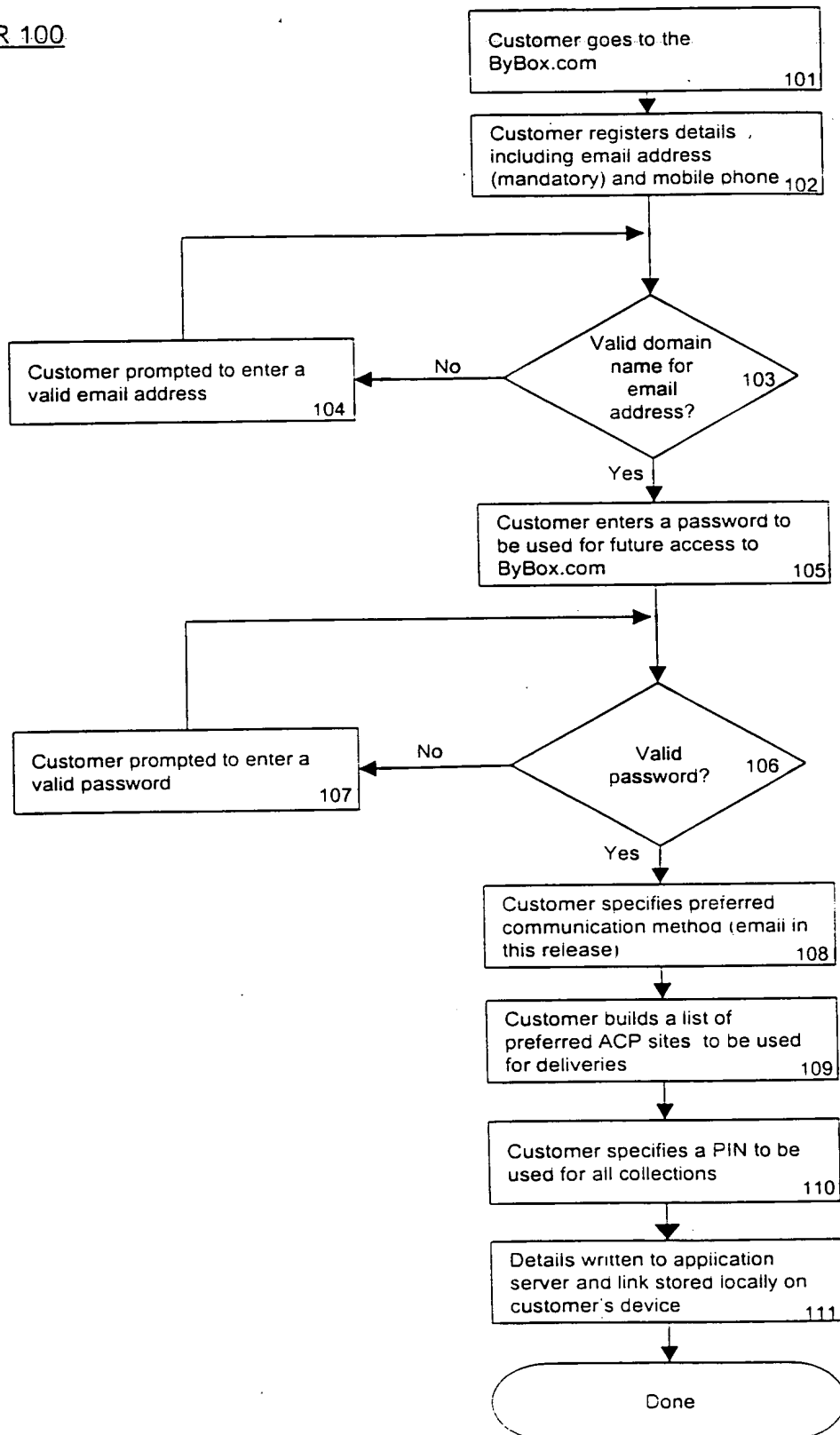


FIG. 8

SCHEDULE DELIVERY 200

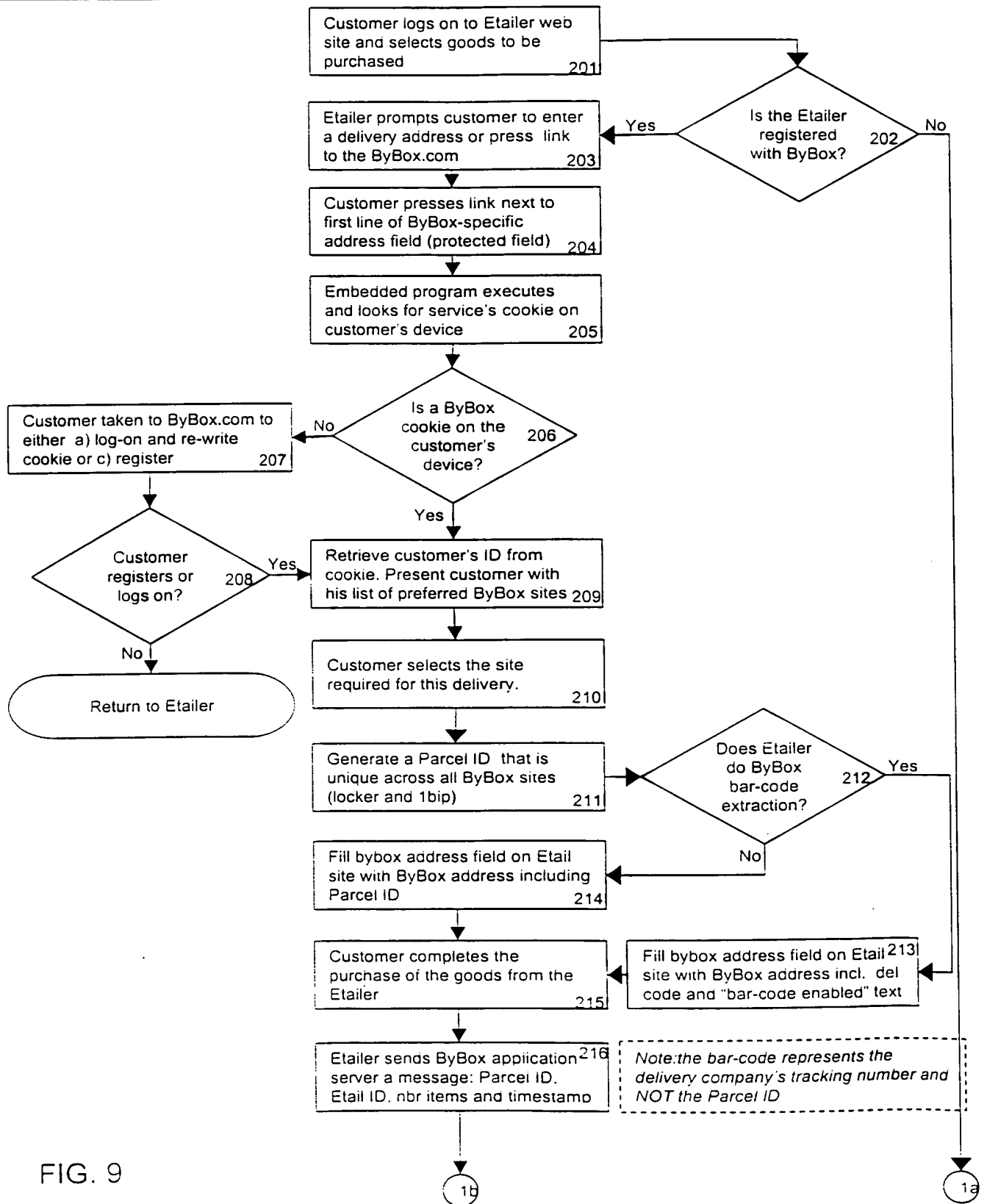


FIG. 9

SCHEDULE DELIVERY 200 (cont.)

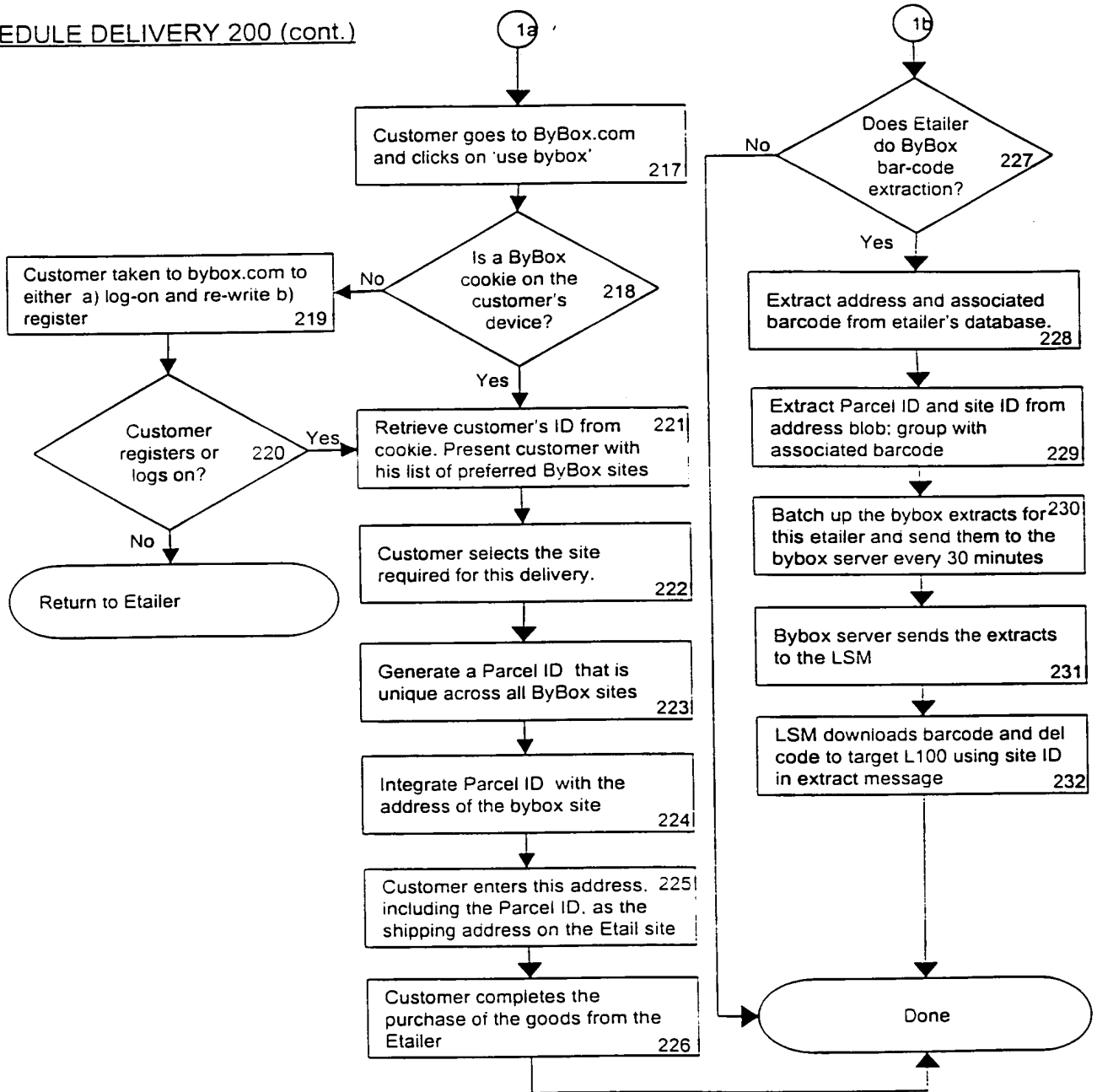
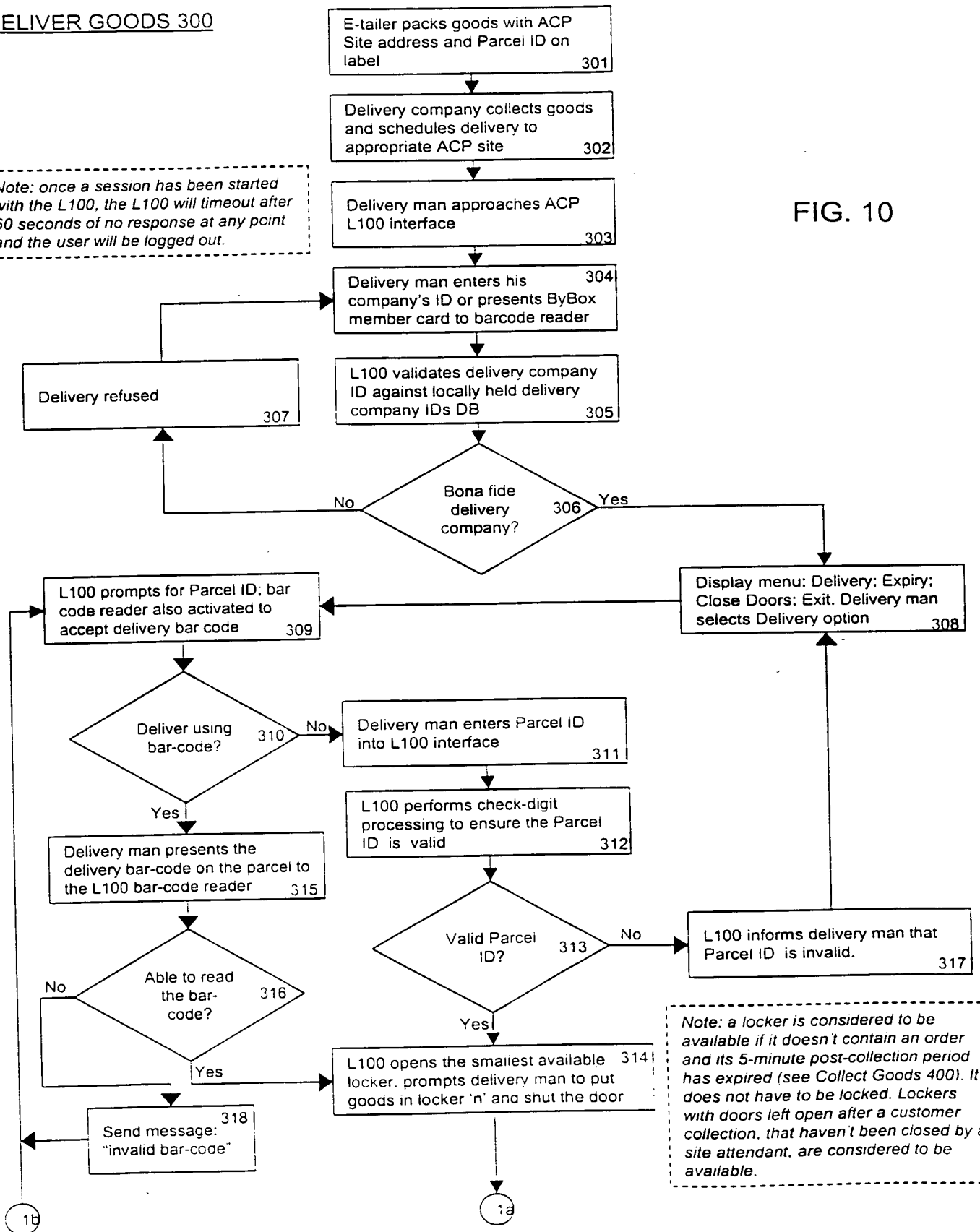


FIG. 9a

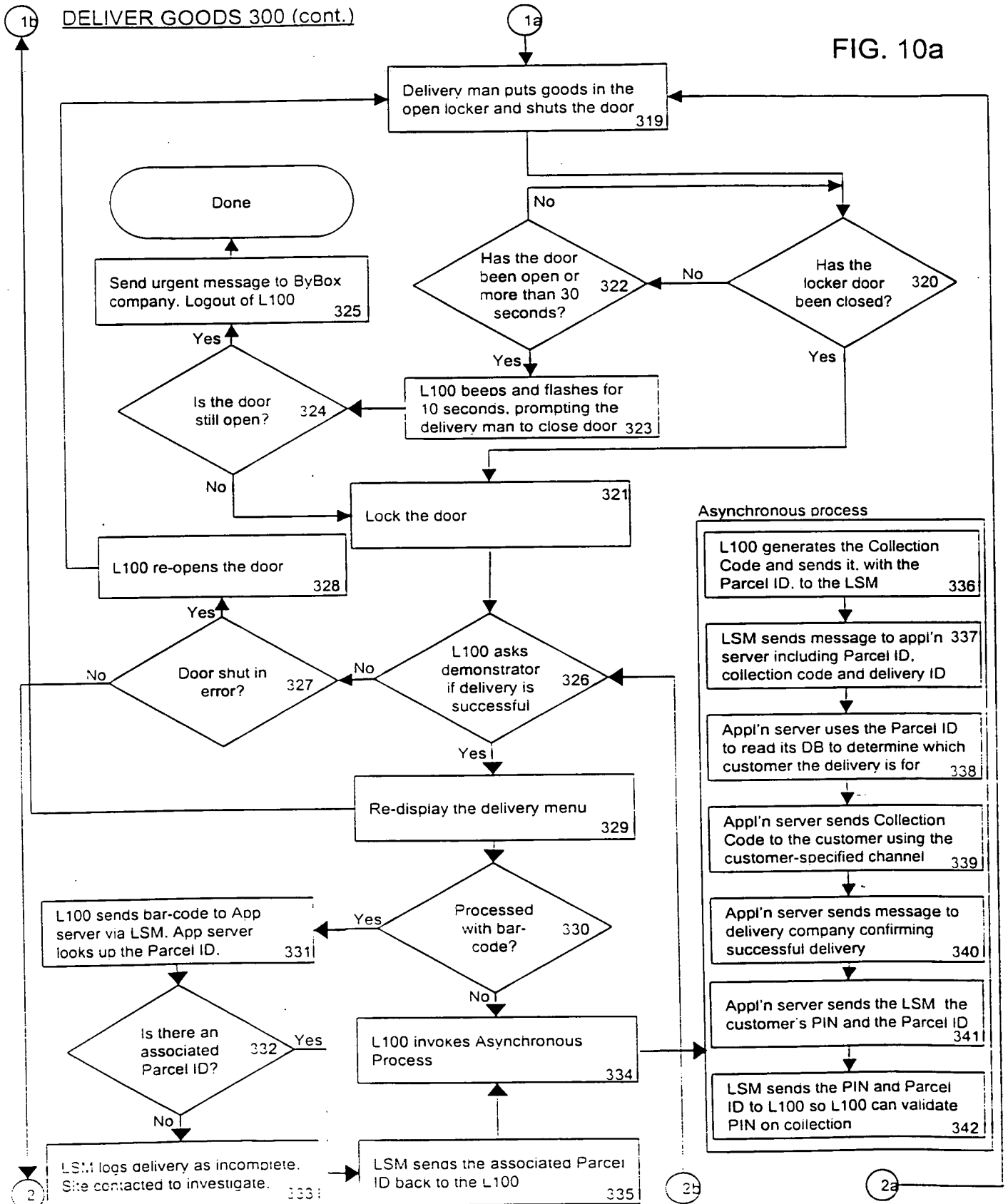
DELIVER GOODS 300

FIG. 10



DELIVER GOODS 300 (cont.)

FIG. 10a



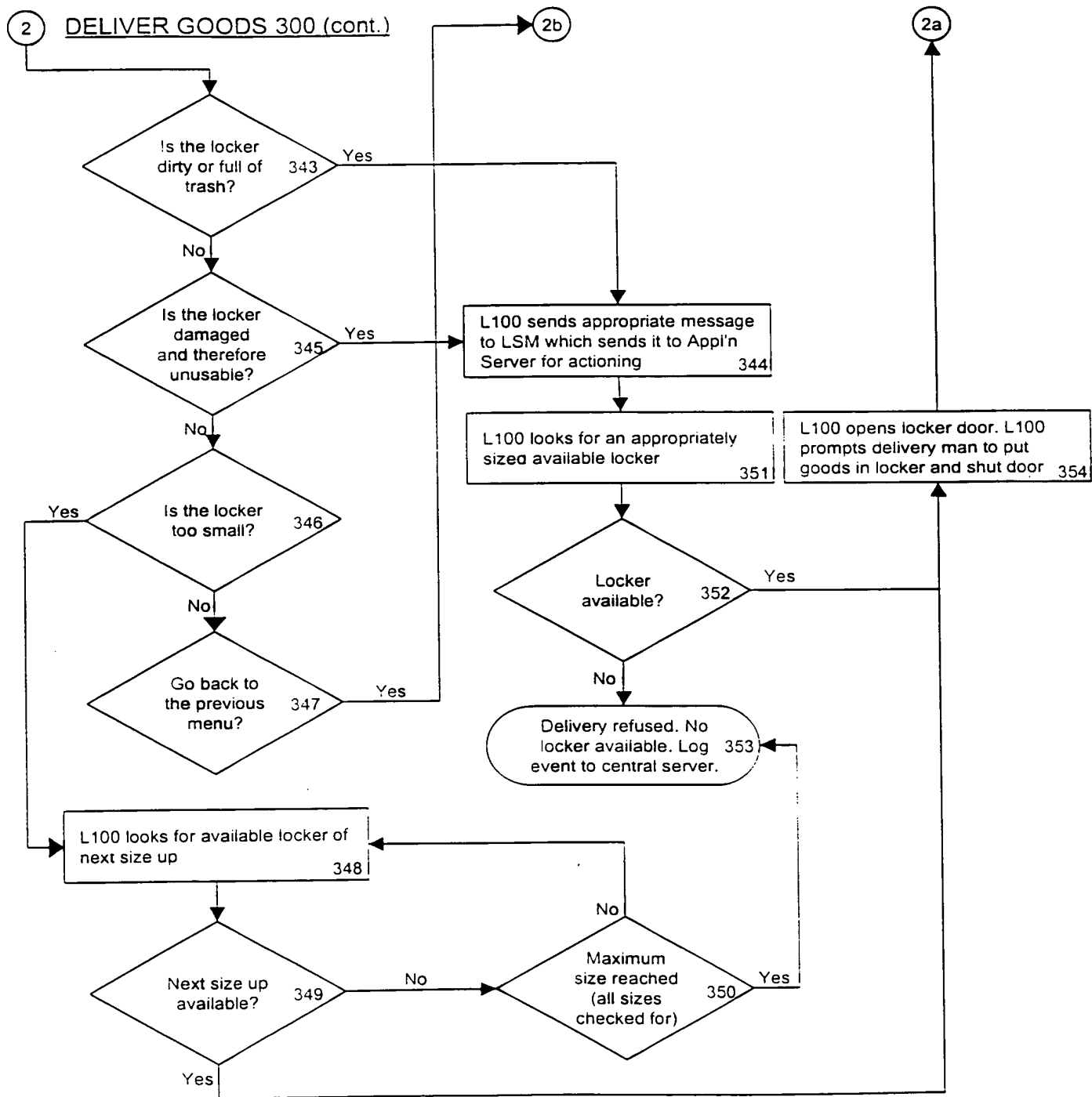


FIG. 10b

COLLECT GOODS 400

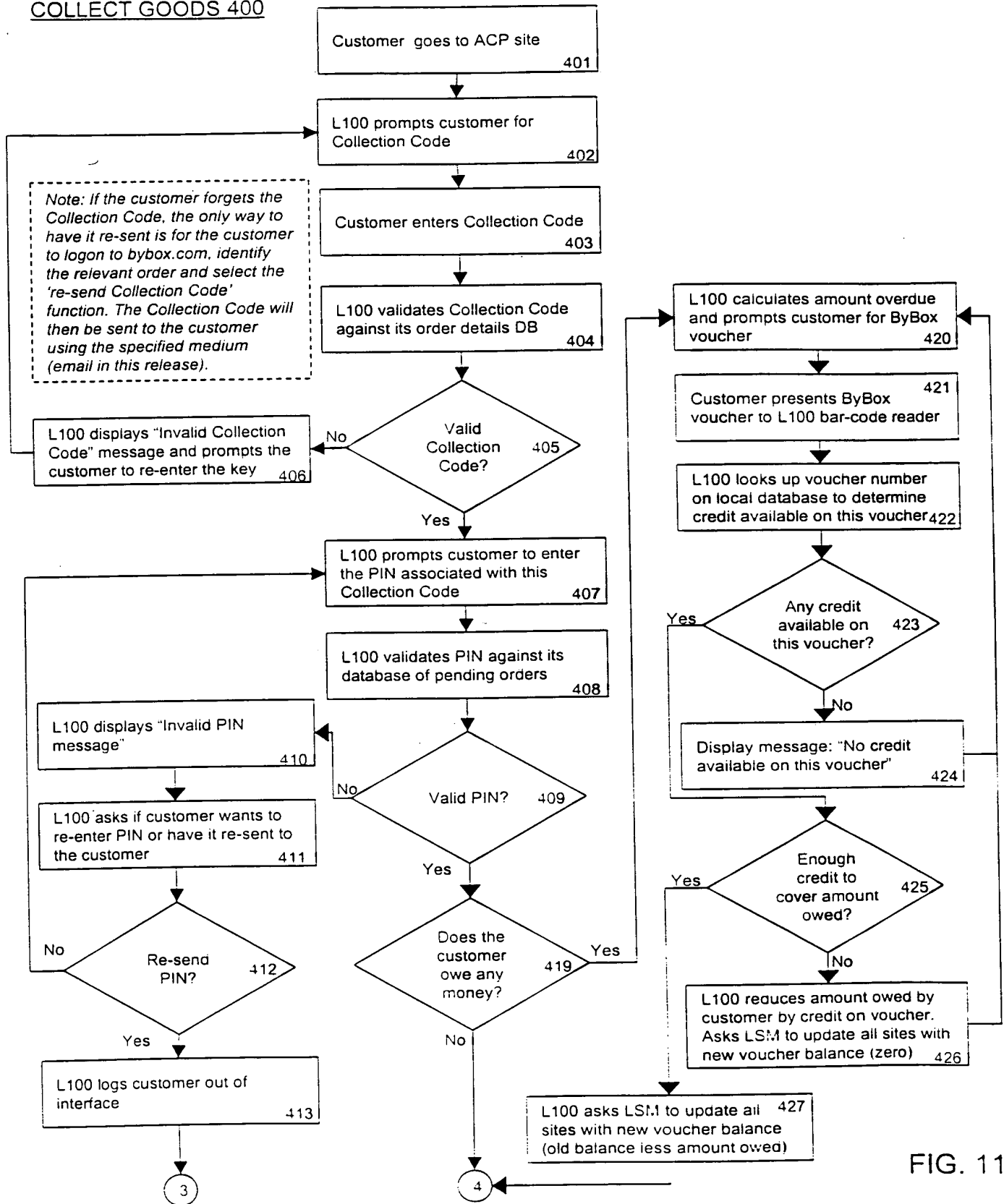
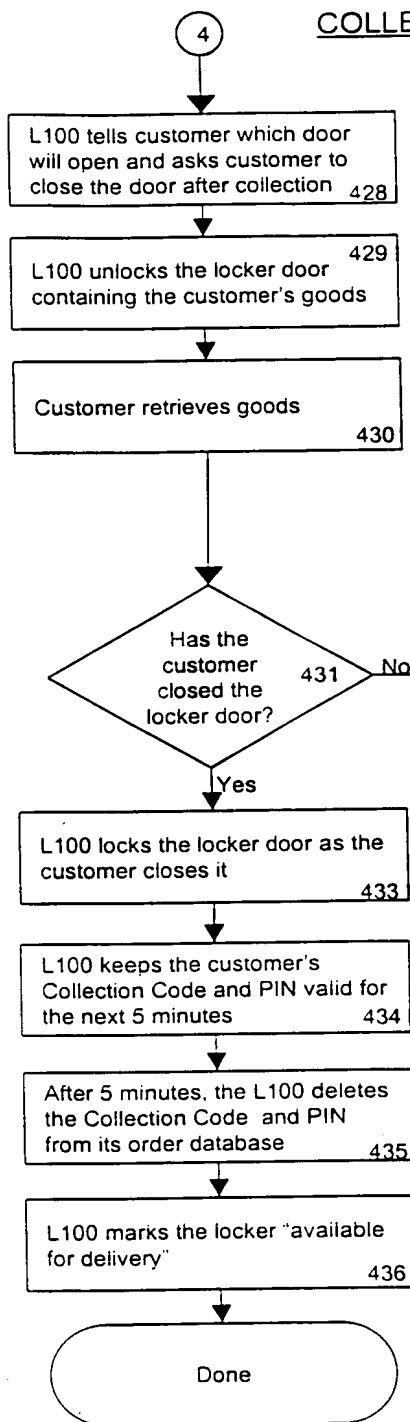
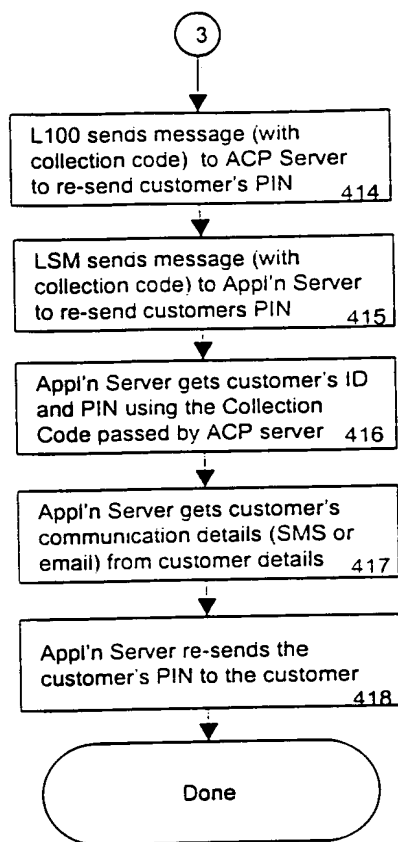


FIG. 11

FIG. 11a



COLLECT GOODS 400 (cont)

Note: a locker door will be "lockable" only for the 30 seconds after it has been opened for the customer to collect their goods. After this period, it will not be locked even if closed by the customer or anybody else. Otherwise, if the door was left in a state where it would be locked when closed, all sorts of things could be locked in by mistake (animals, small children etc.). This would clearly be unacceptable.

In this release the locker door will be locked by a site attendant, or by a delivery man if the open locker is to be used for another delivery. However, the medium-term solution might be for the locker door to automatically close after opening.

If locker is shut in the next 30 seconds then lock it, else leave the door unlocked and available 432

Note: the L100 needs to allow the customer to re-open the locker in case the locker door was accidentally closed before the goods were removed. The customer is allowed 5 minutes for this purpose.

FIG. 11a

COLLECTION EXPIRY 500

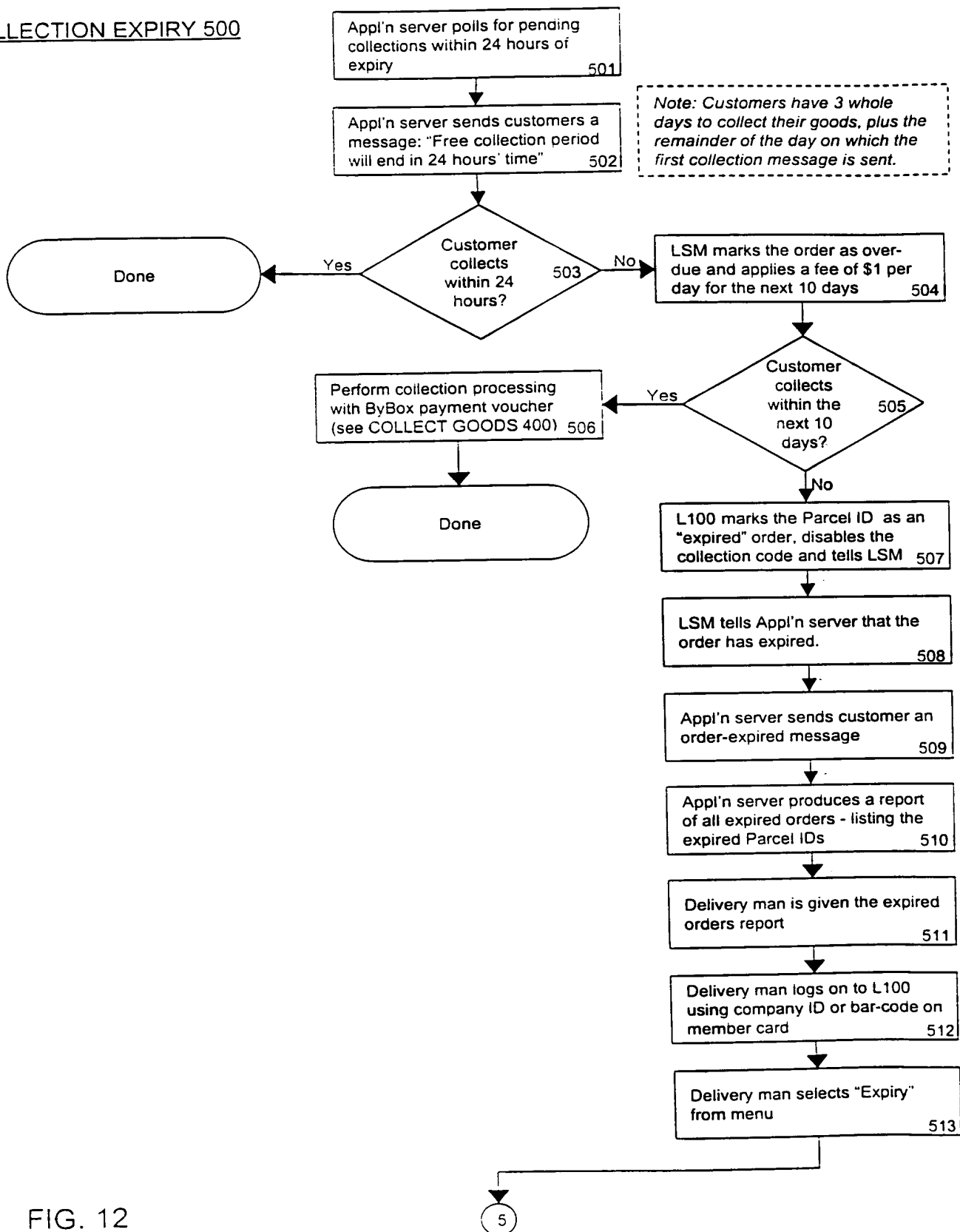


FIG. 12

COLLECTION EXPIRY 530

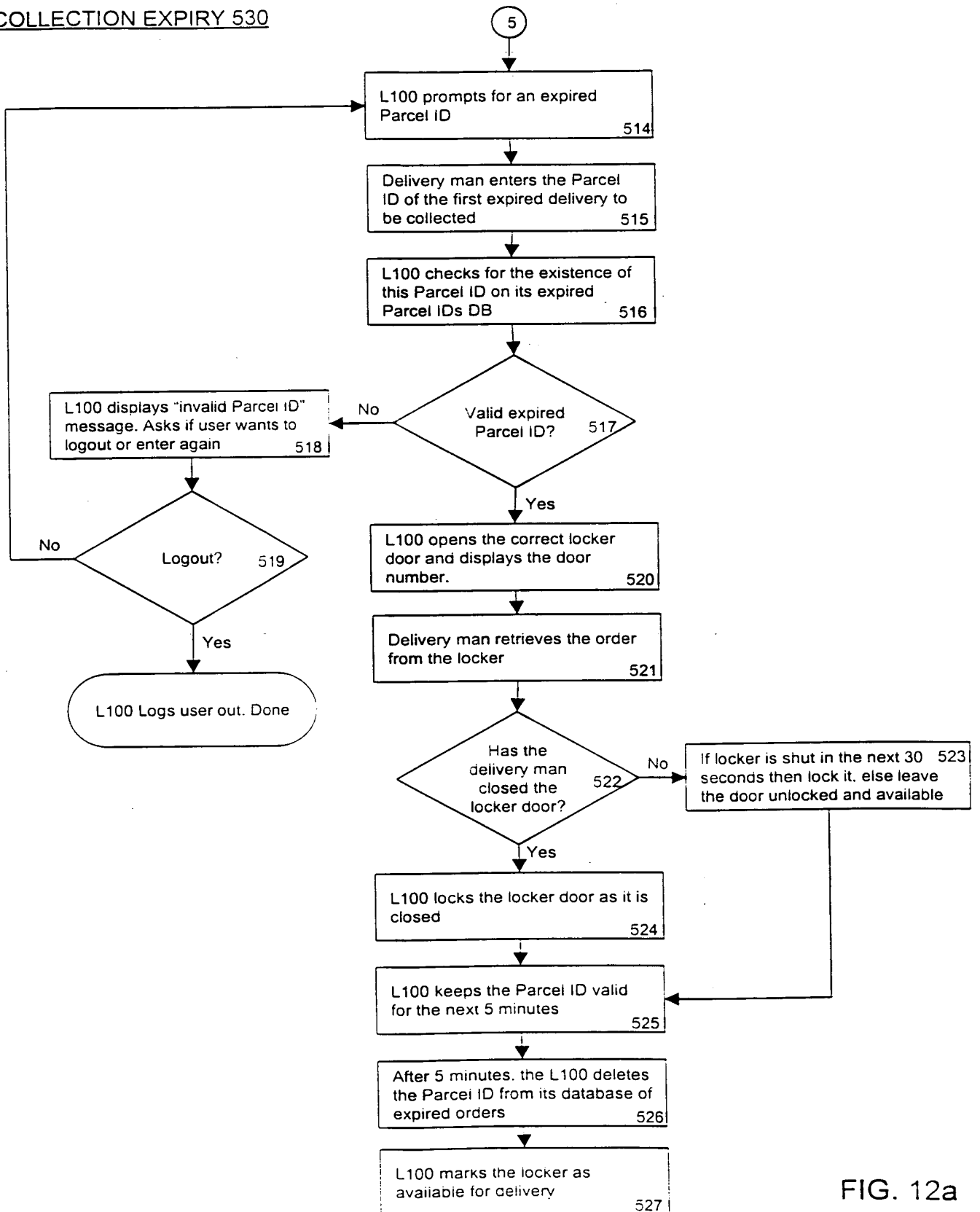


FIG. 12a

PARTNER SETTLEMENT 600

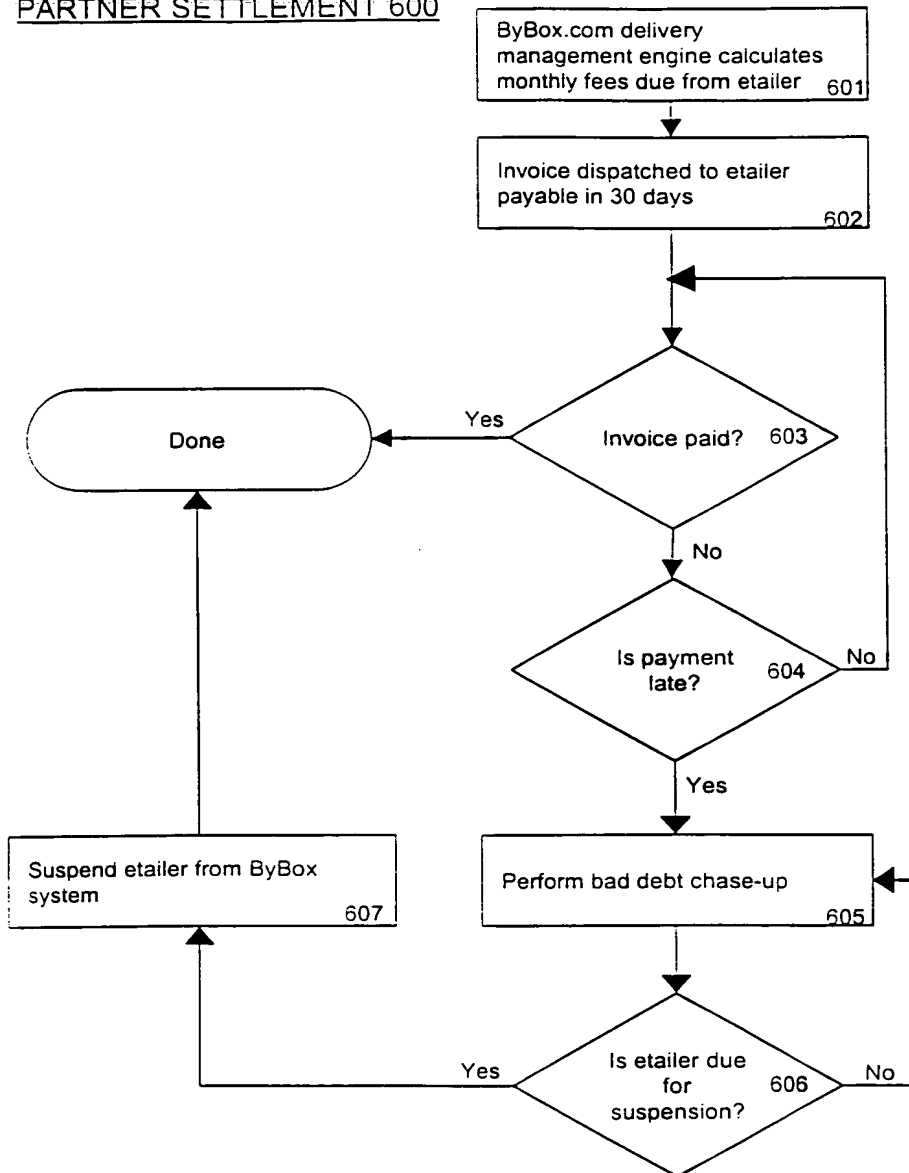


FIG. 13

PARTNER SETTLEMENT 600
(Contd)

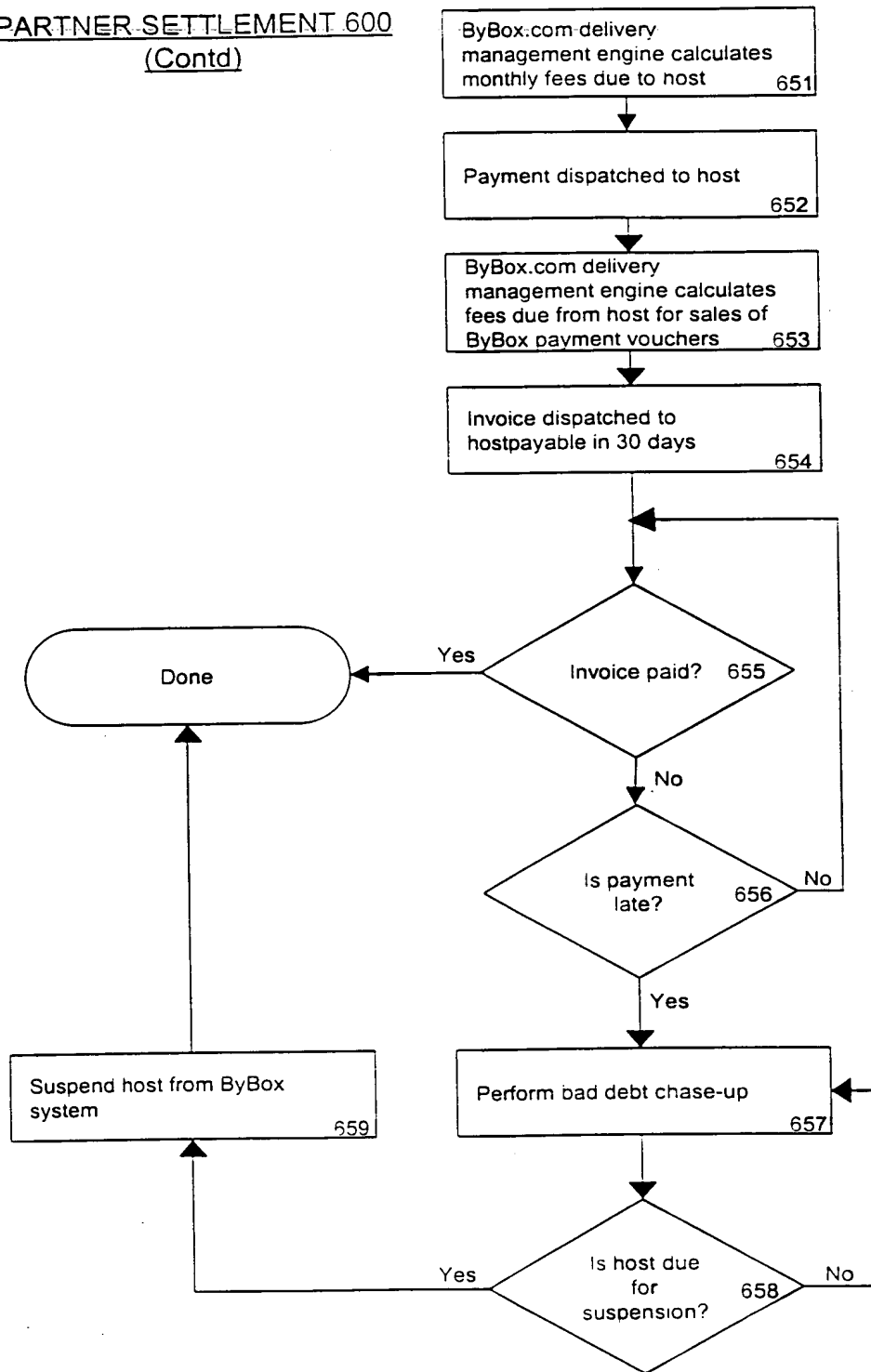


FIG. 14

CLOSE DOORS 1300

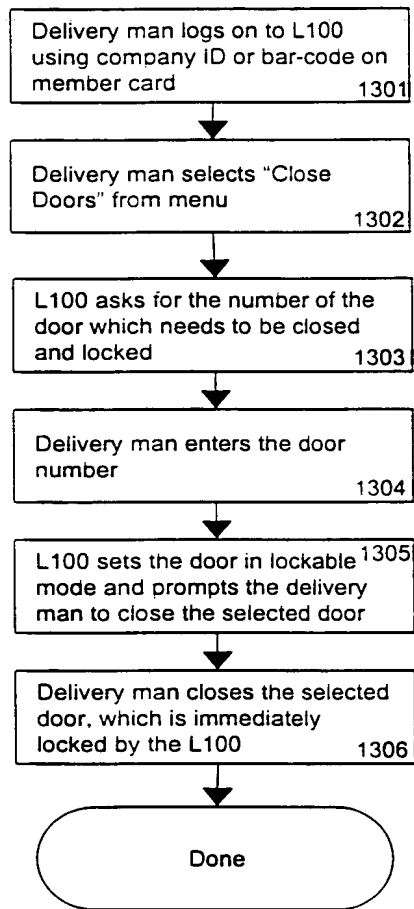


FIG. 15

DELIVERY COMPANY REGISTRATION 1400

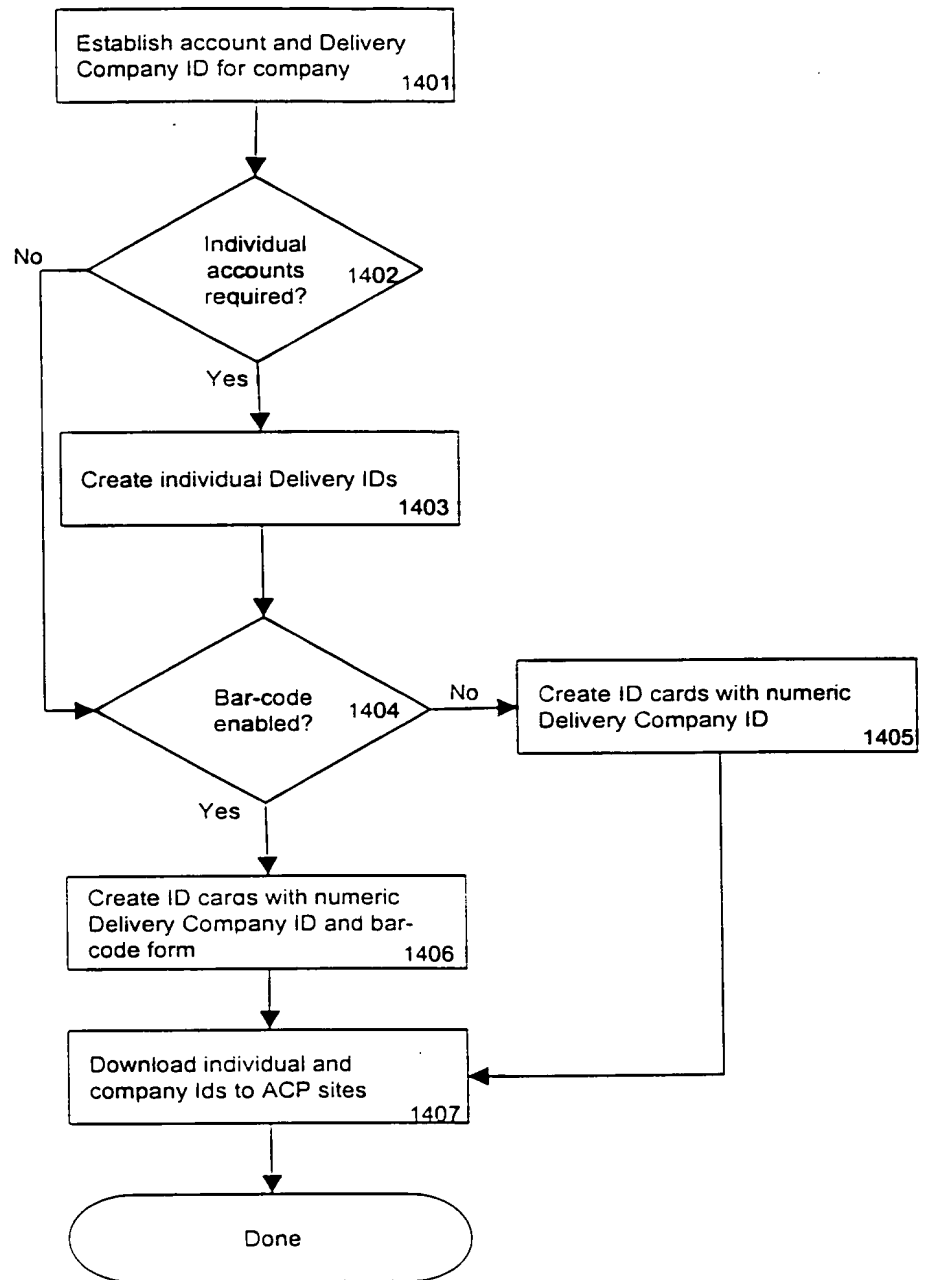


FIG.16

ACP HOST REGISTRATION 1500

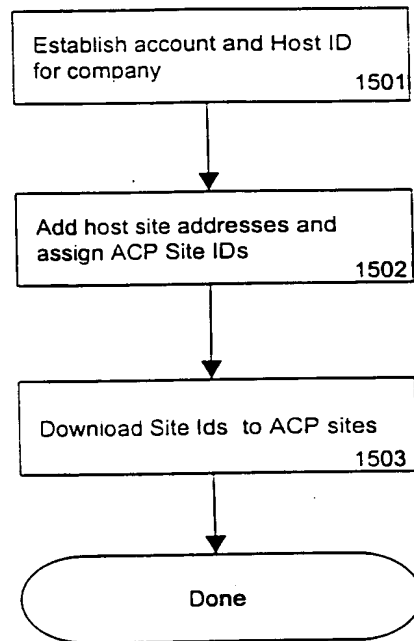


FIG. 17

ETAILER REGISTRATION 1600

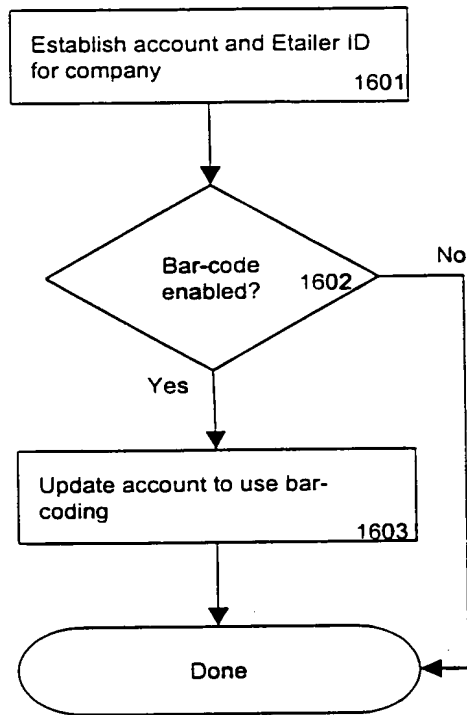


FIG. 18

BLOCK DIAGRAM OF INVENTION

FIG. 19 is a block diagram of the invention. The diagram shows a network architecture. At the top is a Customer Device 2010 containing a Web Browser. This device is connected to an Etailer Web Server 2008. The Etailer Web Server contains Web Pages and three databases: Customers, Orders, and Inventory. The Etailer Web Server is connected to a Central Server. The Central Server contains an Application Processing Interface (API) and six databases: Shipping rates(static), Customers, Collection Points, Couriers, CP Deliveries, and System Parameters. The Central Server is connected to three Courier Servers: Courier A Server 2002, Courier B Server 2004, and Courier C Server 2006. Each Courier Server contains its own Application Processing Interface (API) and two databases: All Pending Deliveries and Shipping Rates. The diagram is labeled with reference numerals 2010, 2008, 2002, 2004, 2006, and 2000.

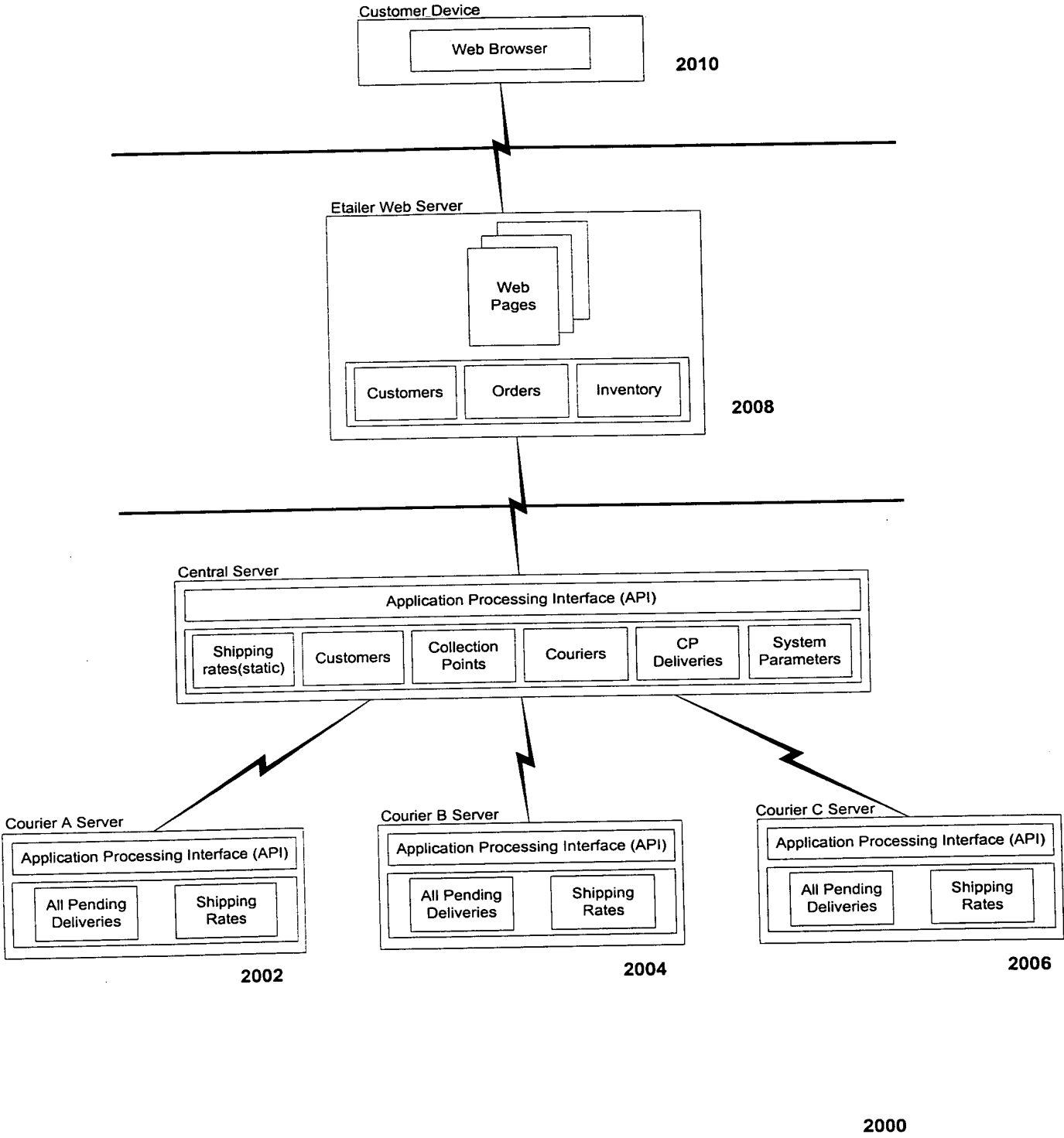


FIG. 19

ADDRESS DETERMINATION

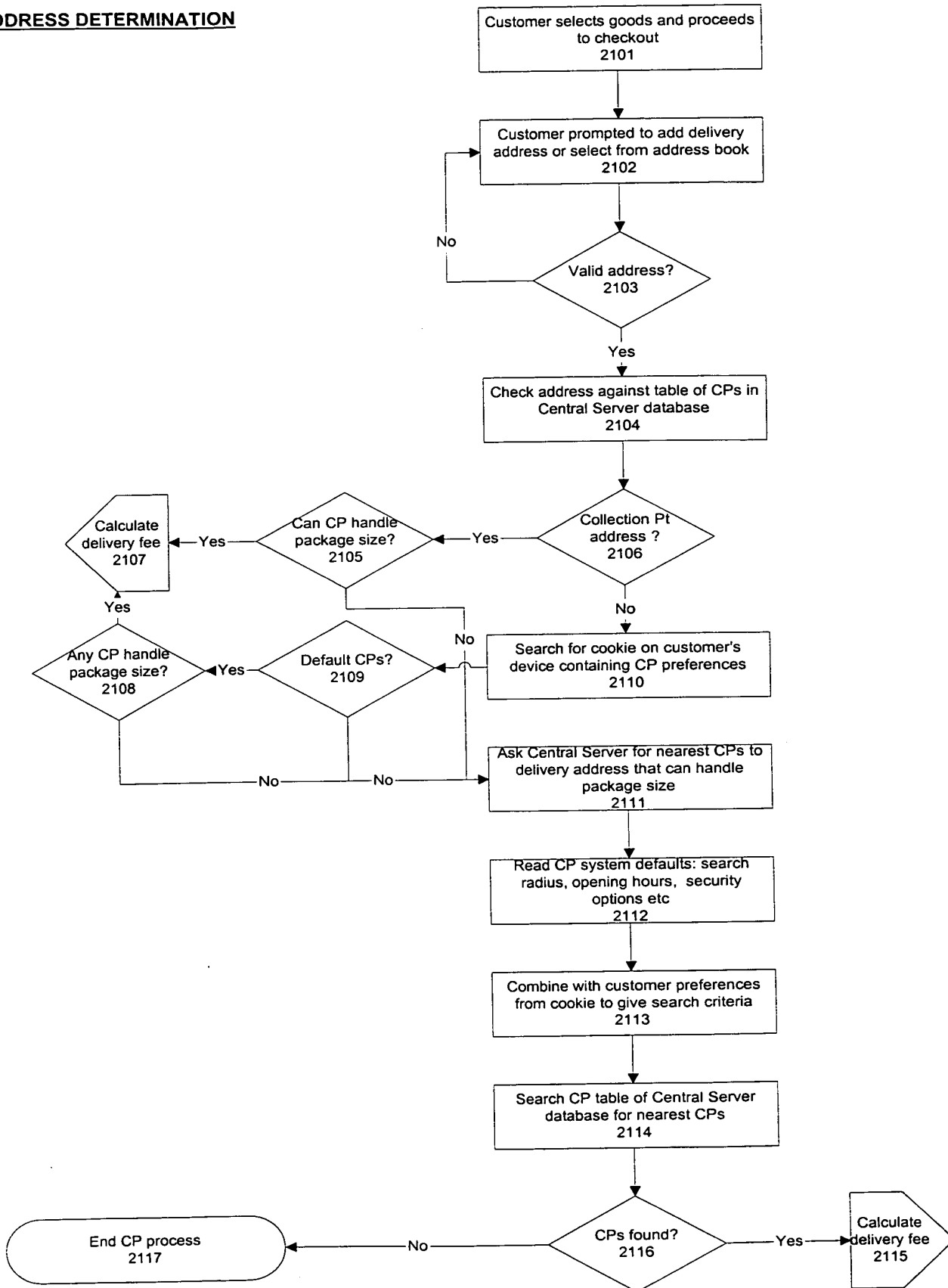


FIG. 20

DELIVERY FEE CALCULATION

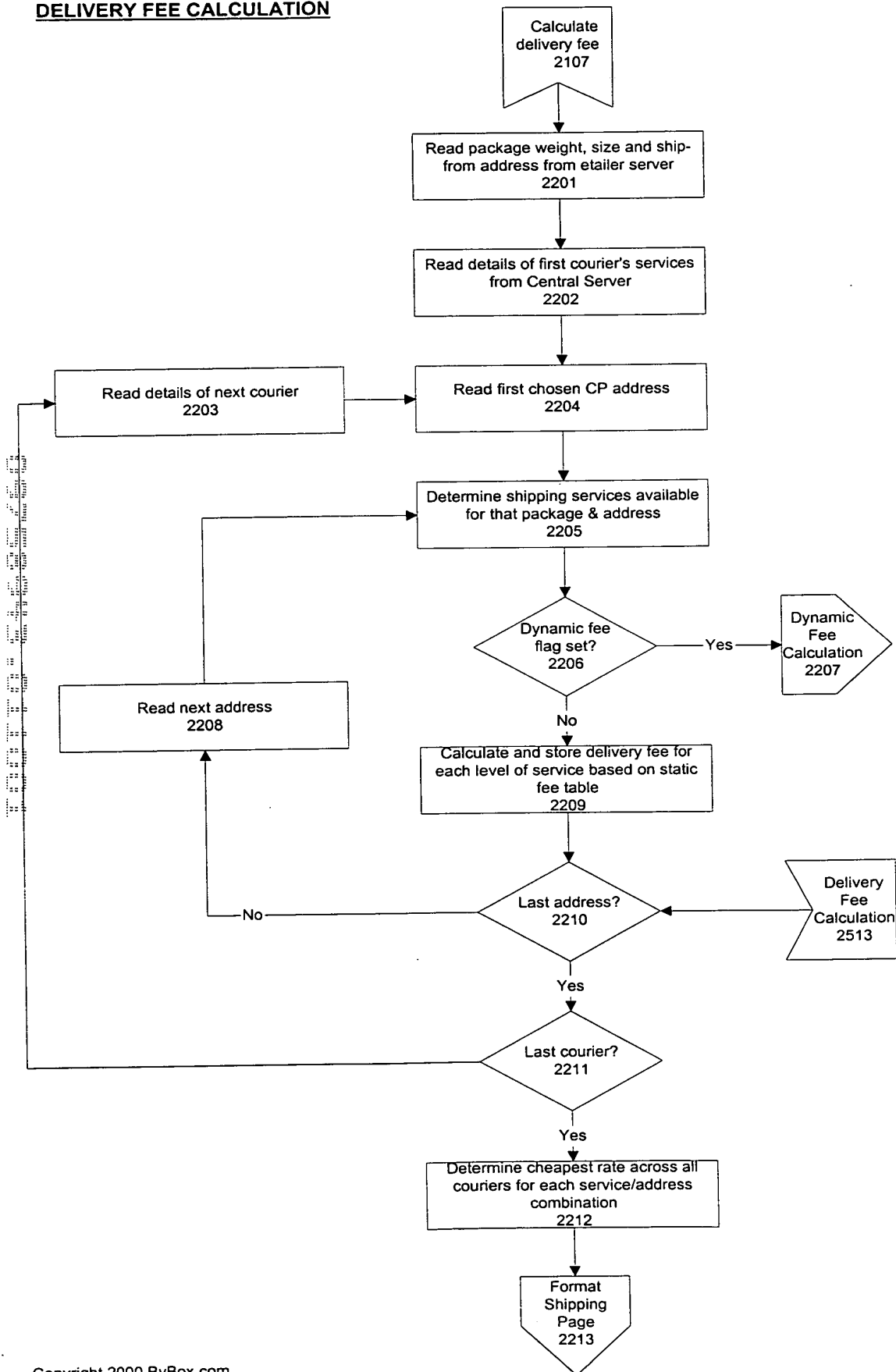


FIG. 21

FORMAT SHIPPING PAGE

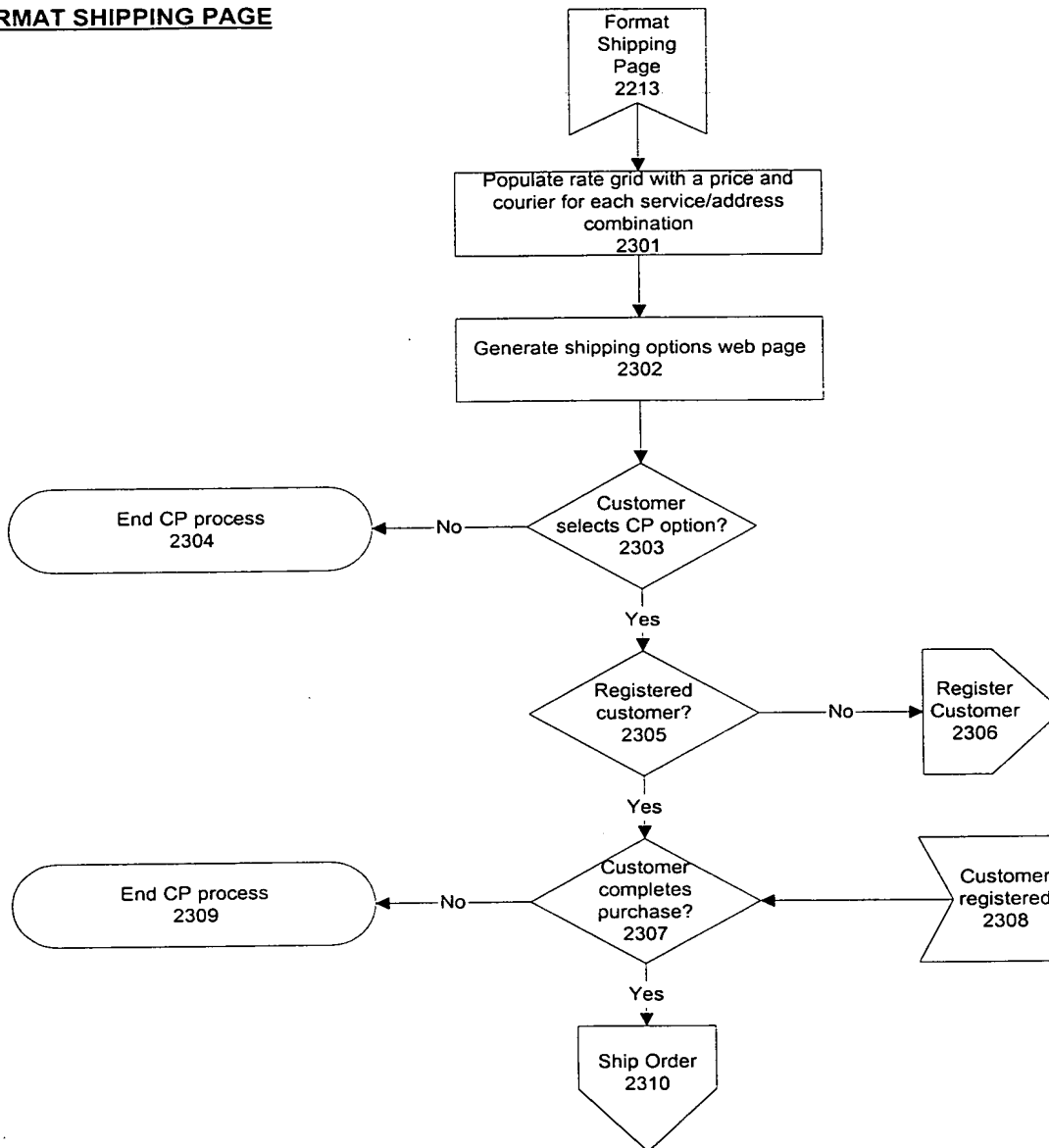


FIG. 22

CUSTOMER REGISTRATION

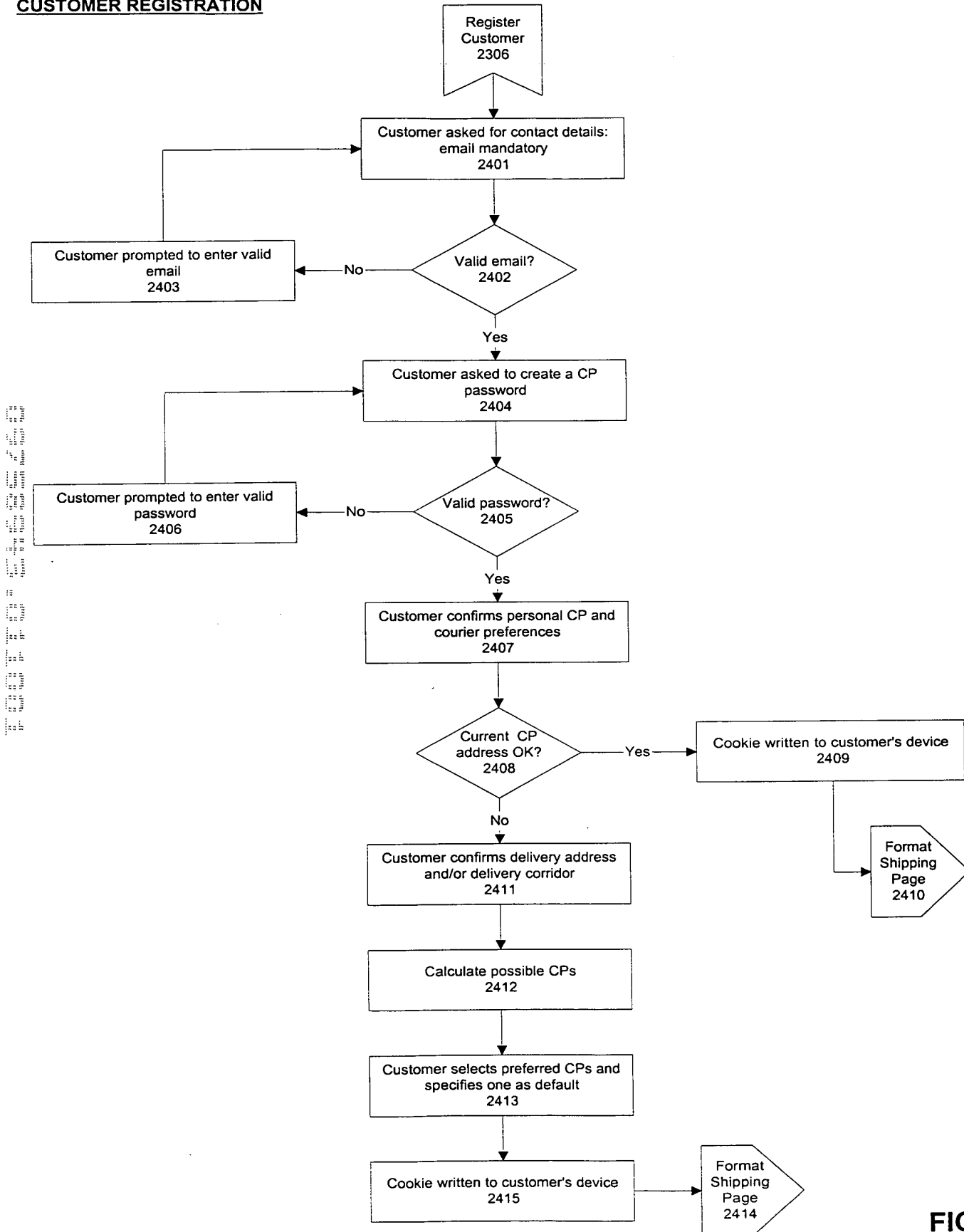


FIG. 23

DYNAMIC FEE CALCULATION

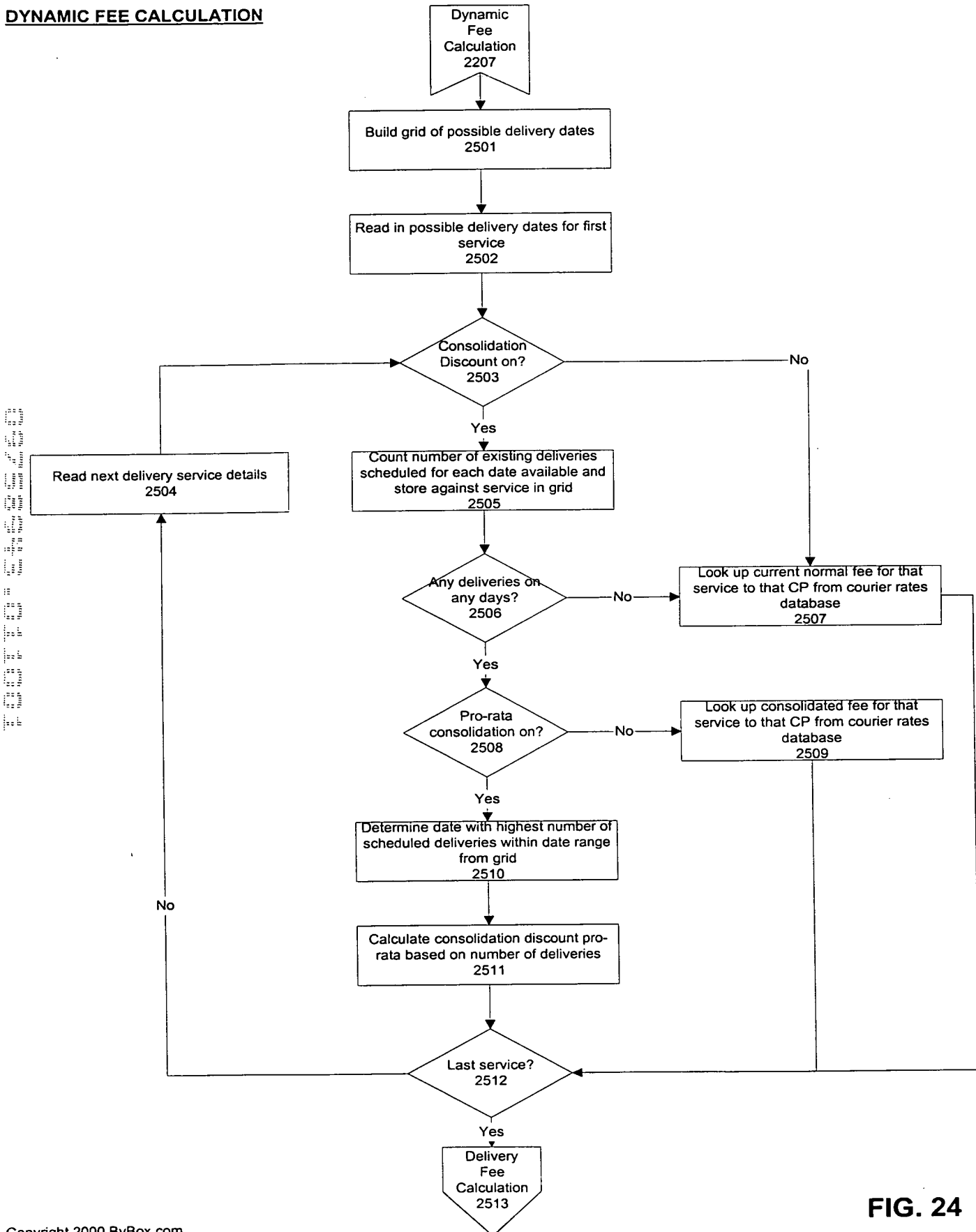


FIG. 24

SHIP ORDER

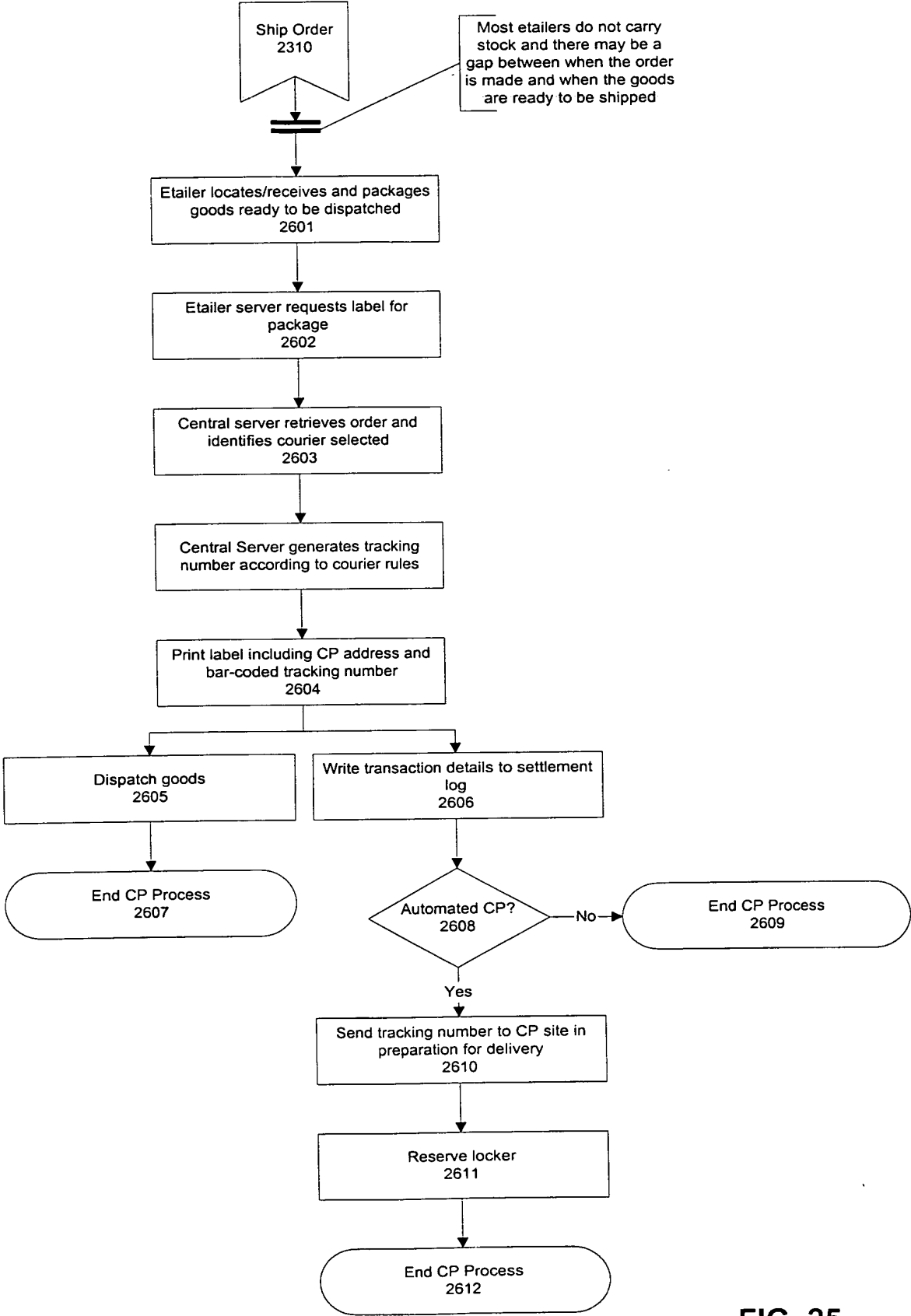


FIG. 25

SETTLEMENT

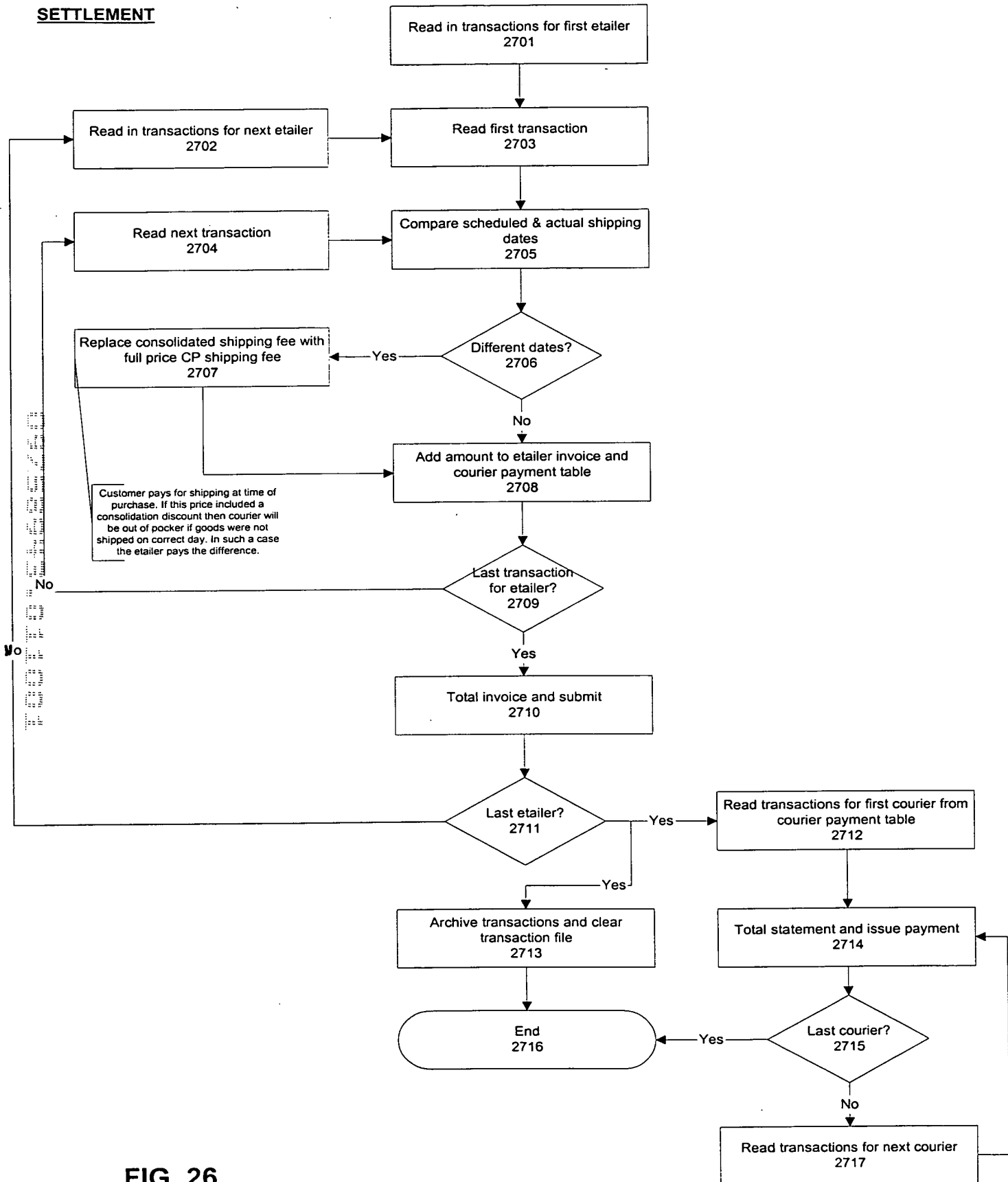


FIG. 26

SYSTEM PARAMETERS

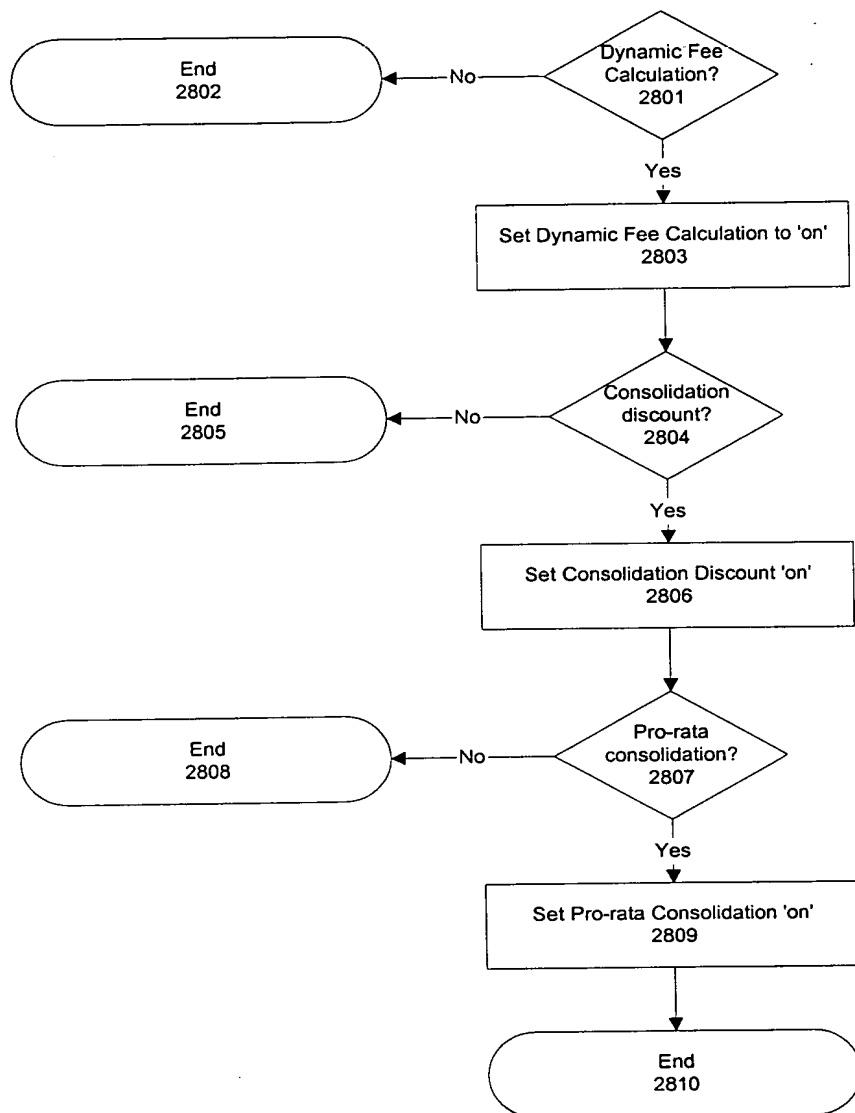


FIG. 27

SCHEDULE DELIVERY

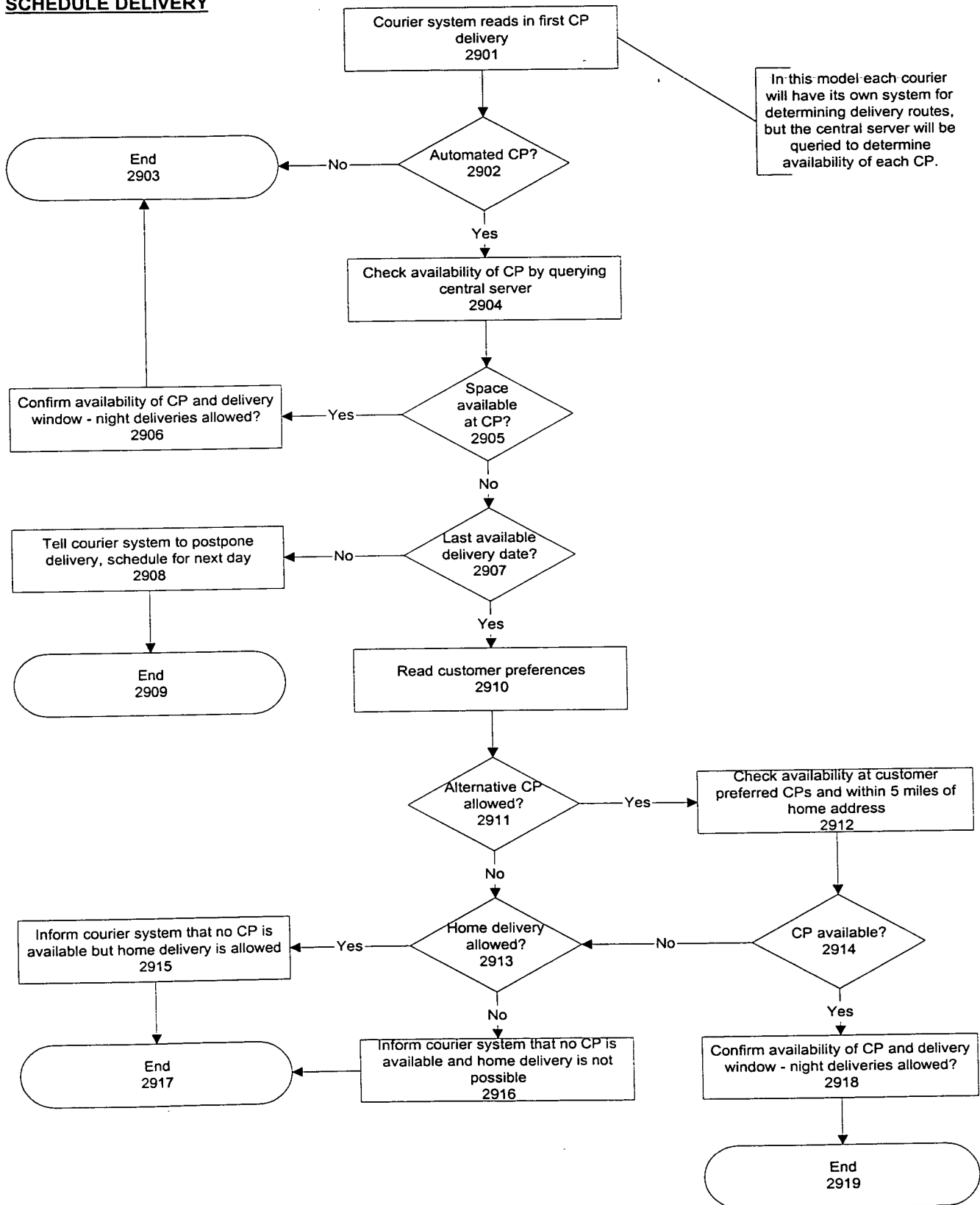


FIG. 28

REDIRECT: HOME TO CP

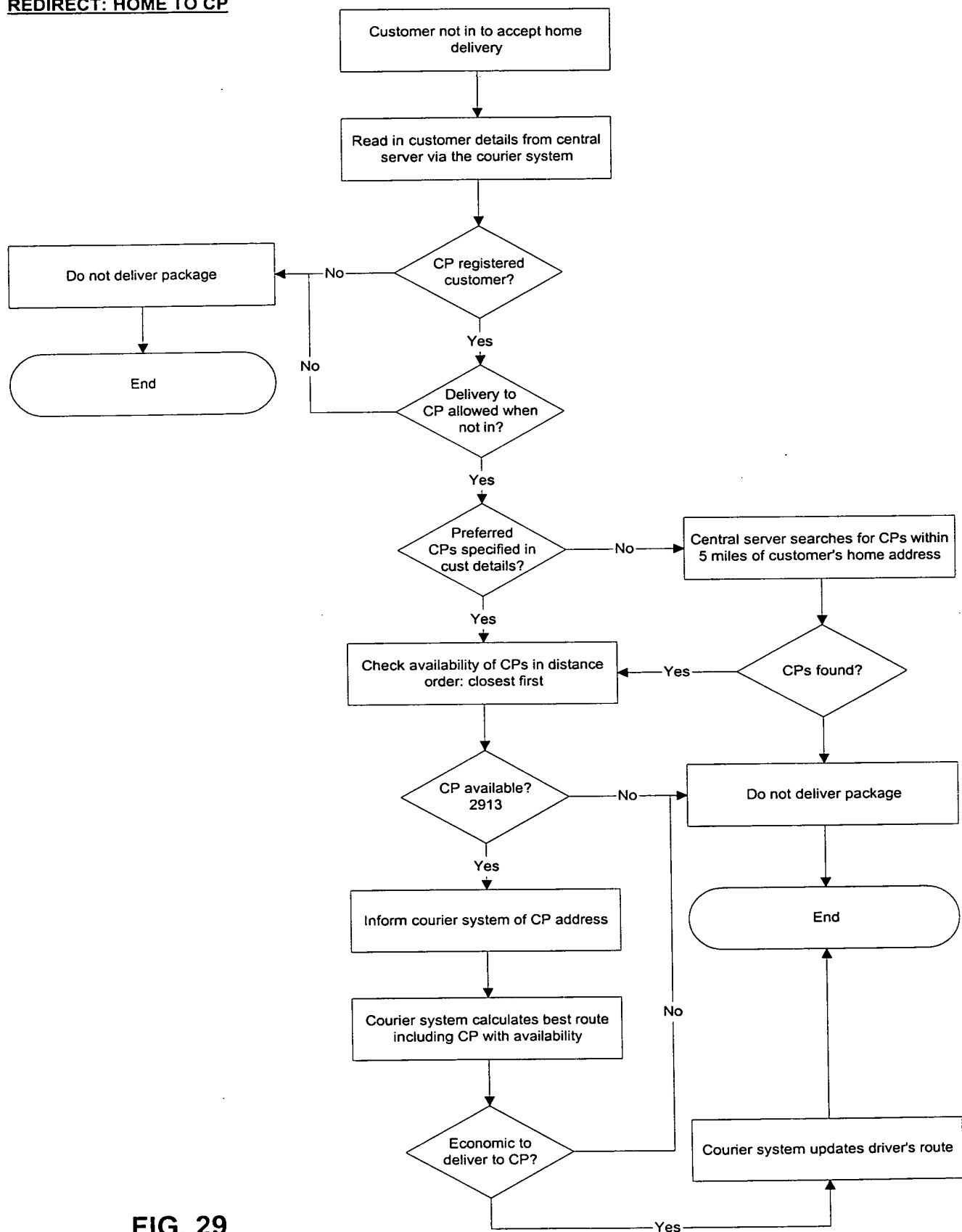


FIG. 29

BLOCK DIAGRAM OF INVENTION

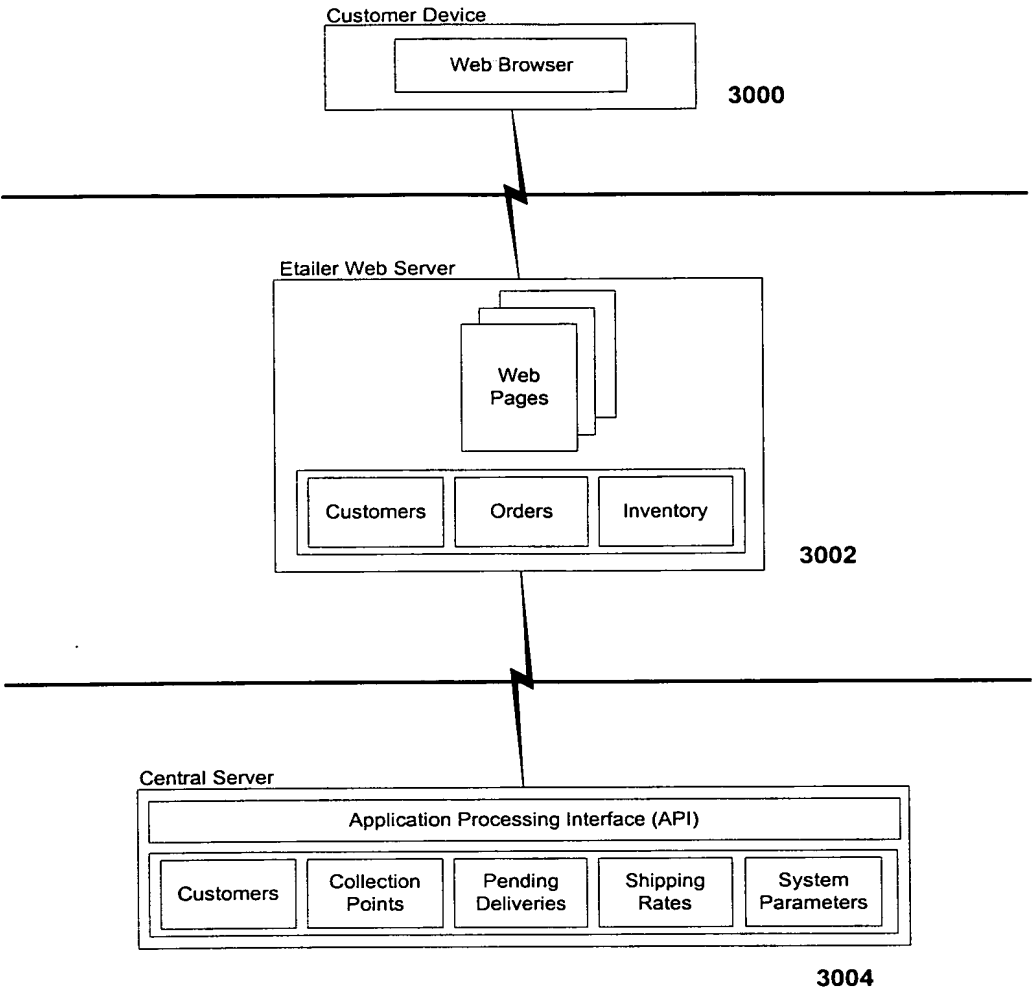


FIG. 30

ADDRESS DETERMINATION

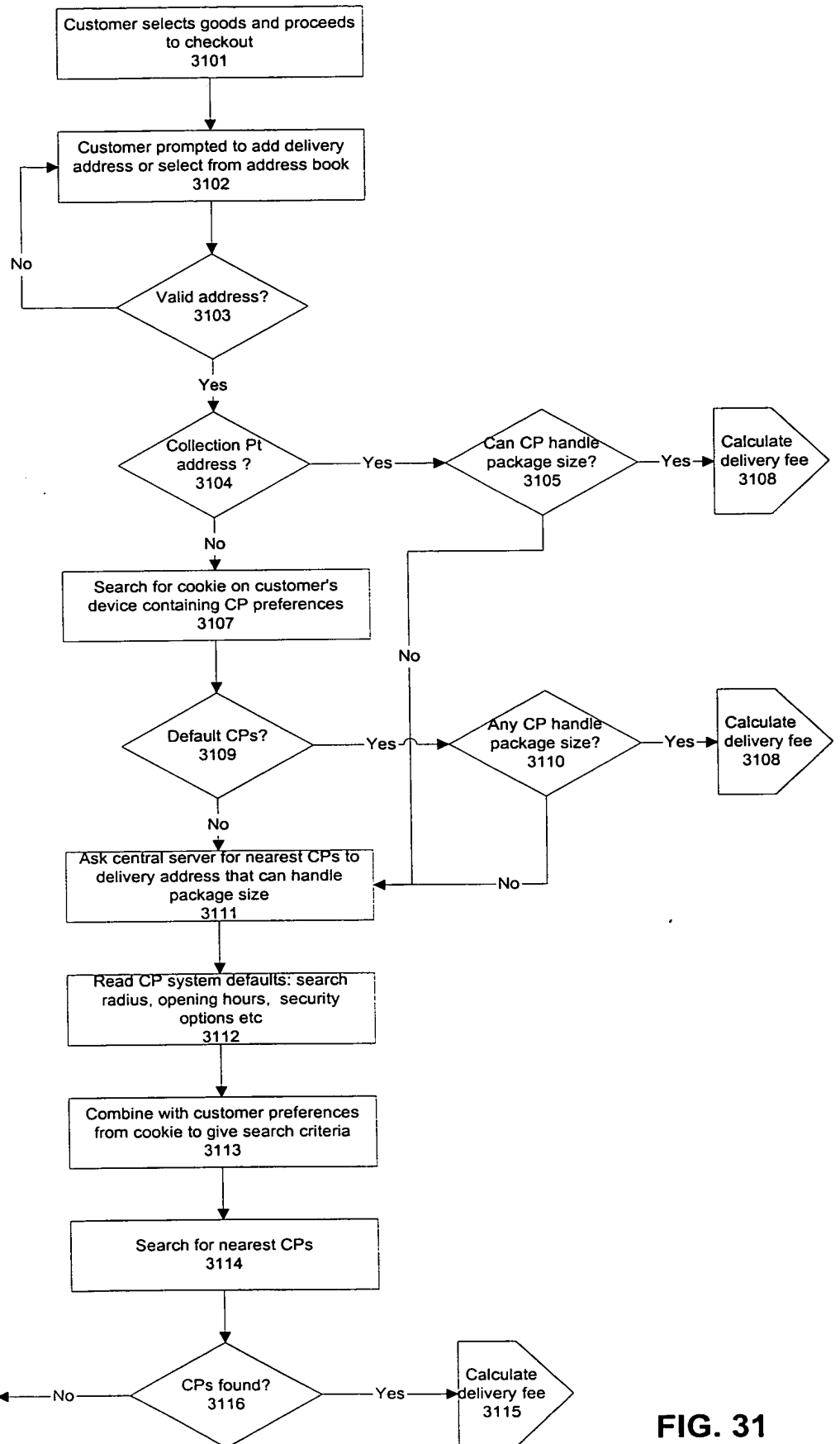


FIG. 31

DELIVERY FEE CALCULATION

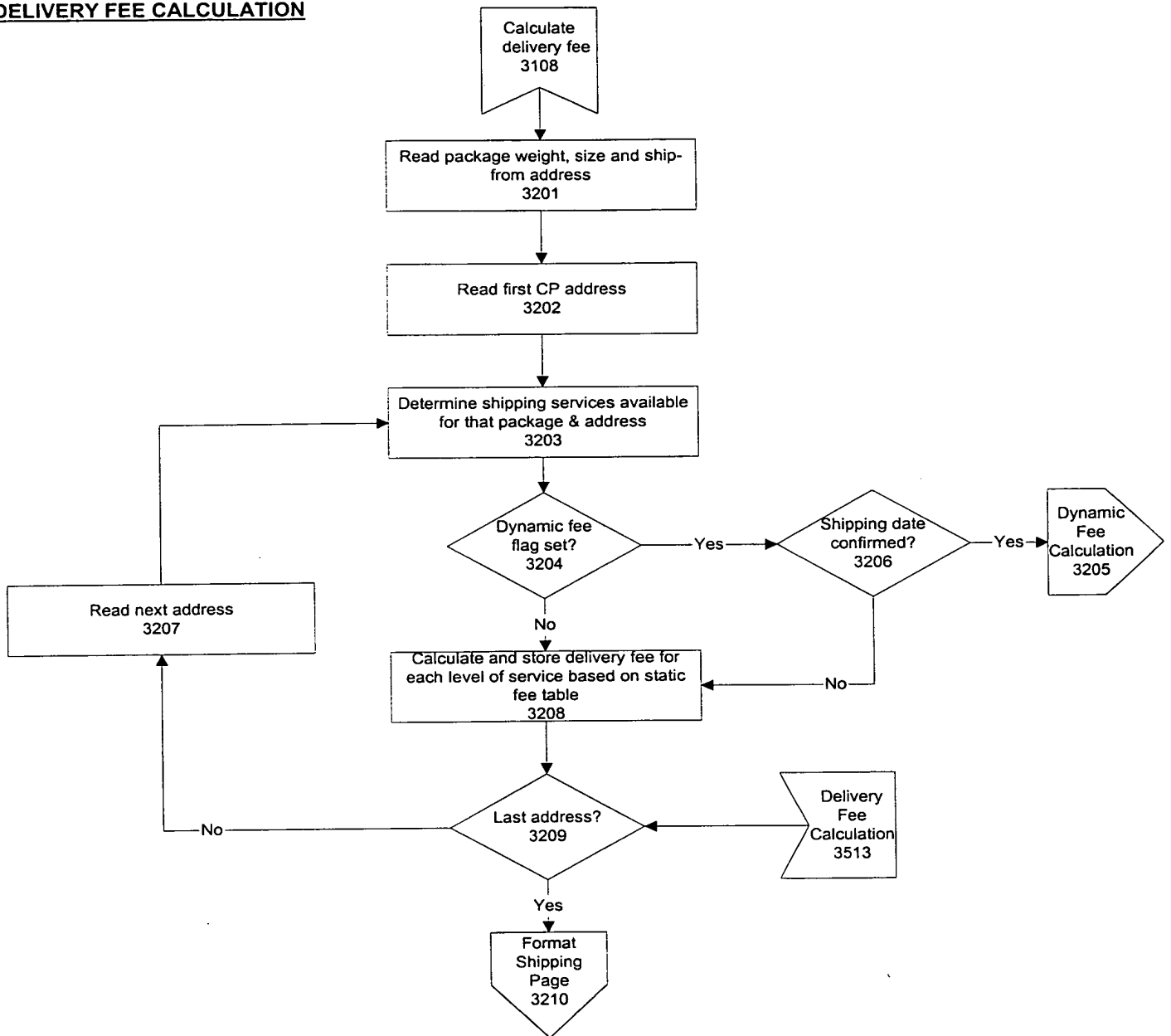


FIG. 32

FORMAT SHIPPING PAGE

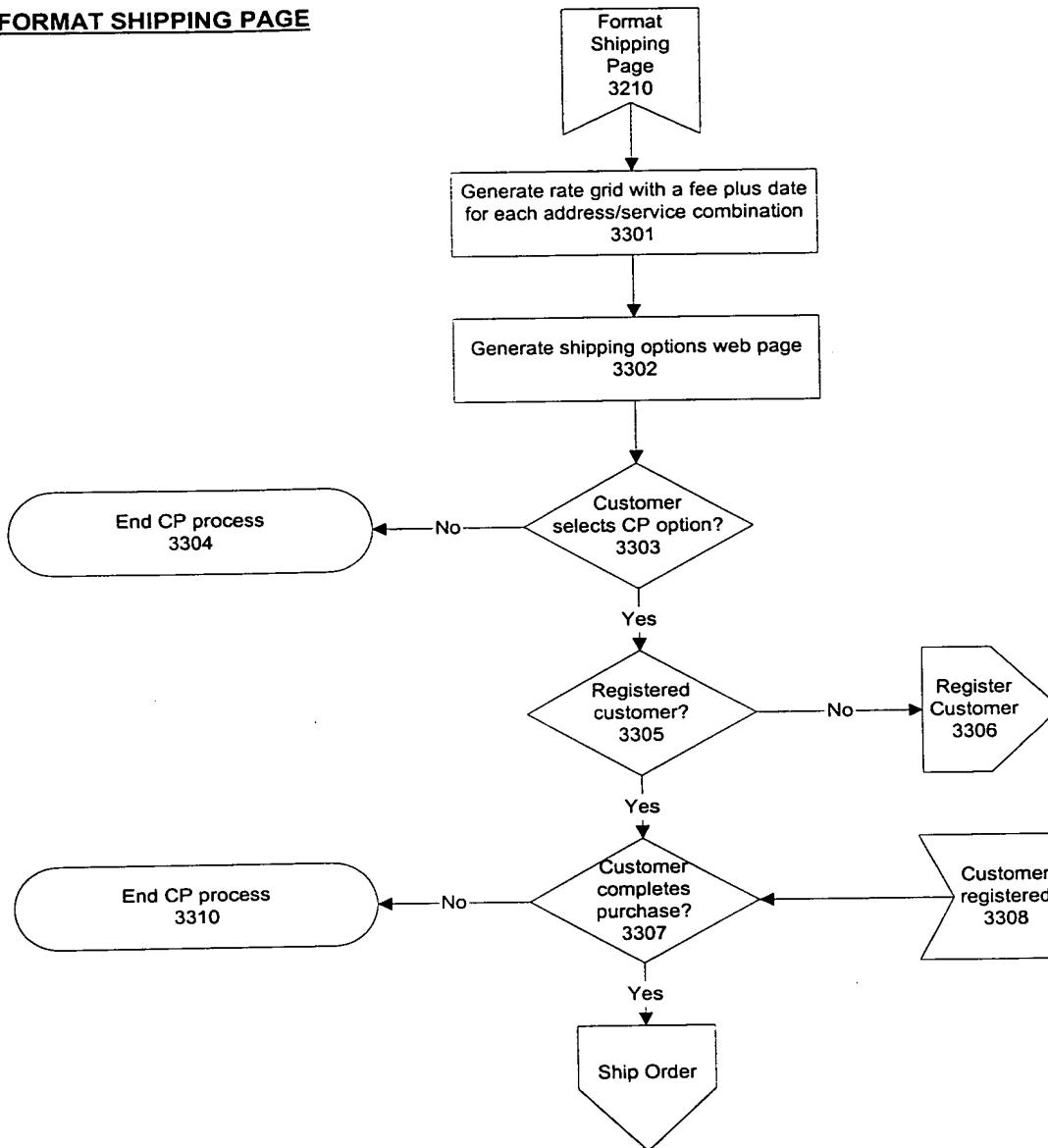


FIG. 33

CUSTOMER REGISTRATION

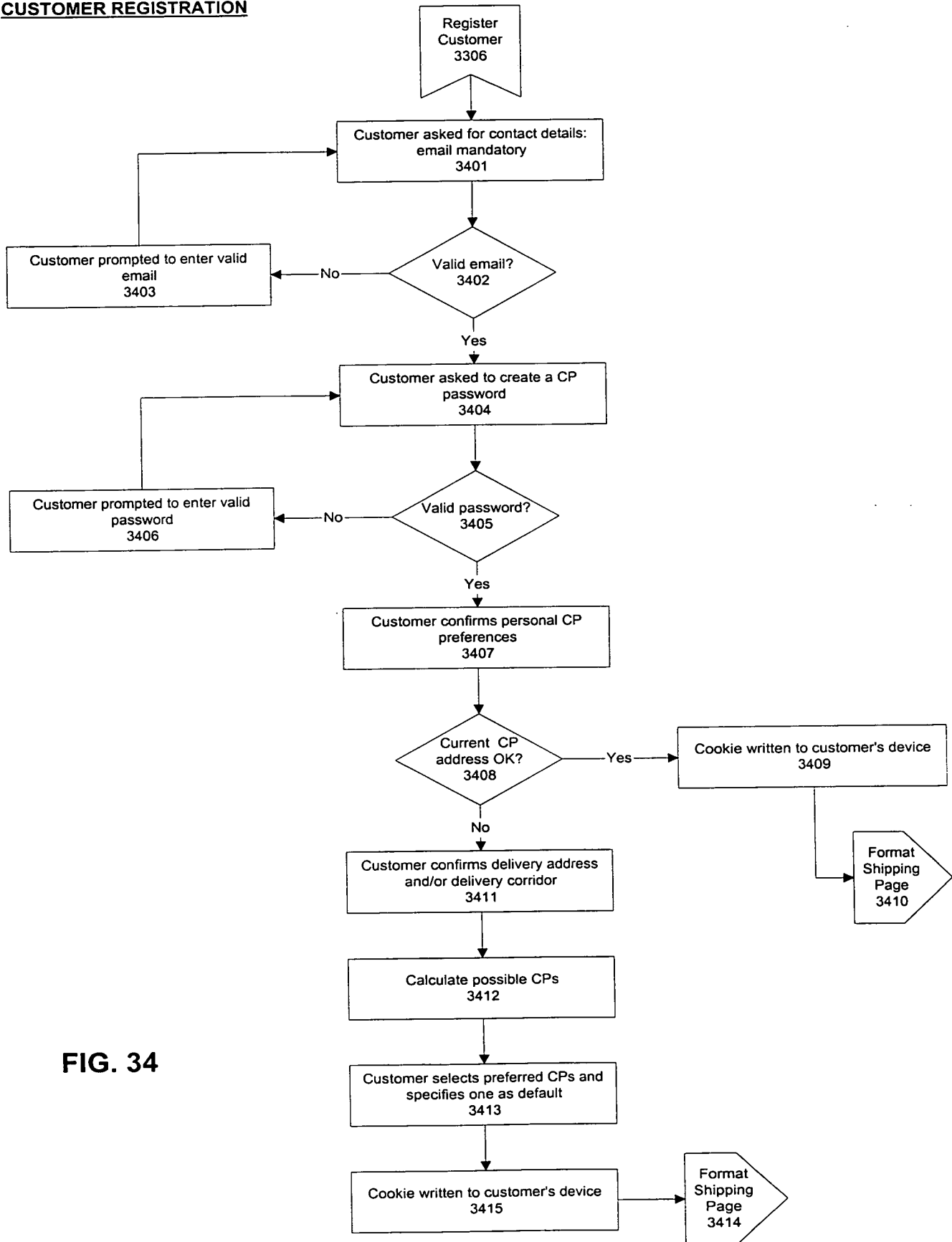


FIG. 34

DYNAMIC FEE CALCULATION

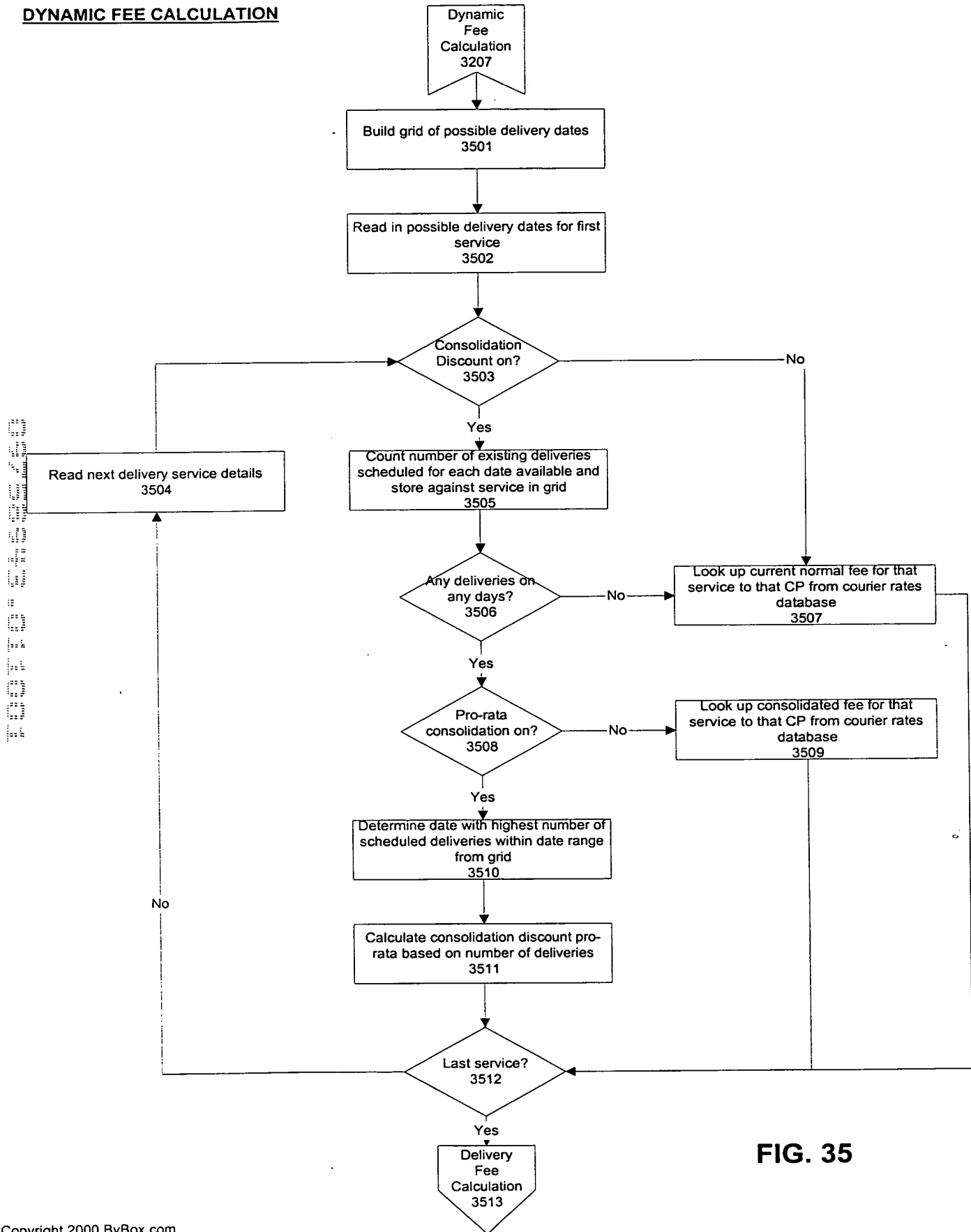


FIG. 35

SHIP ORDER

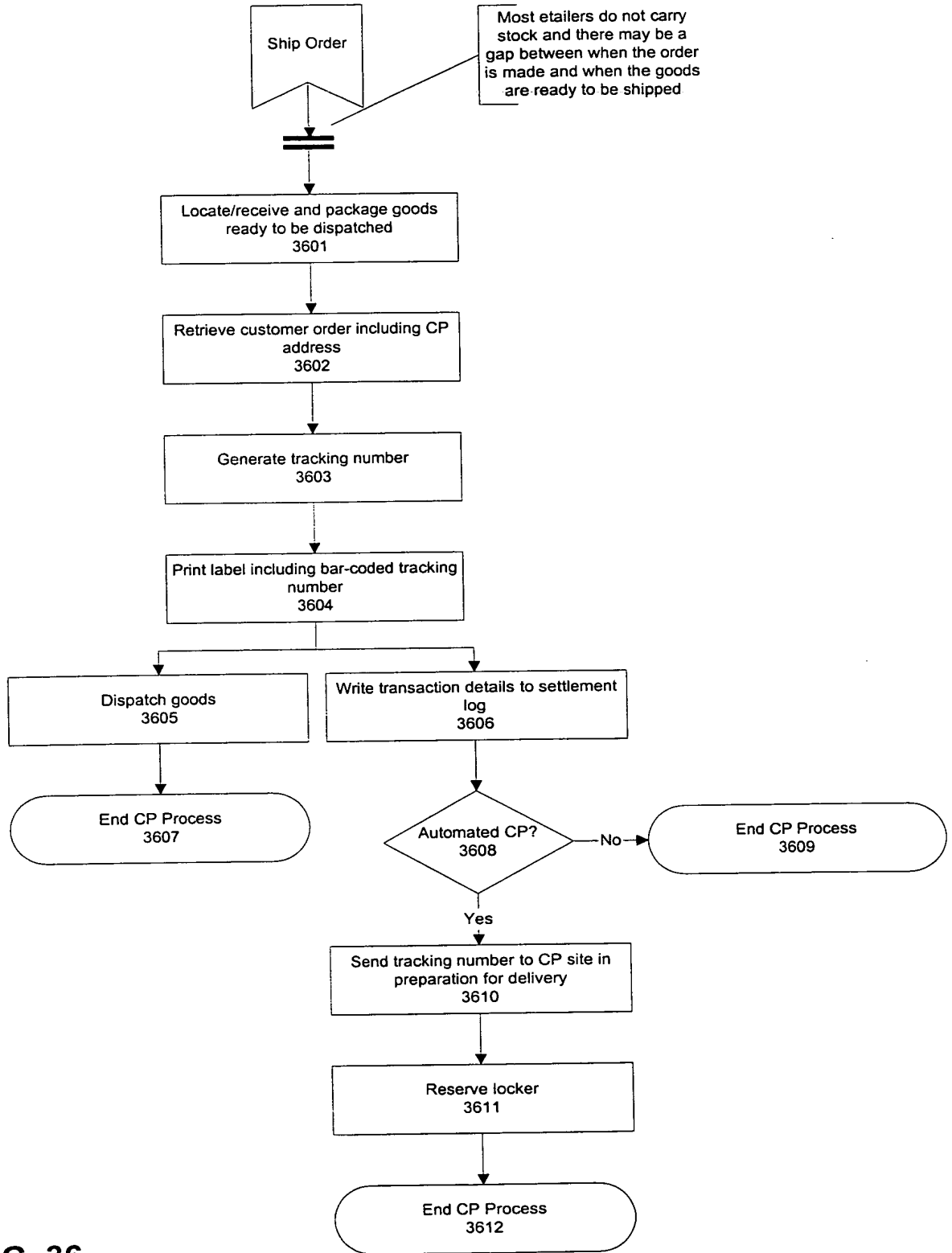


FIG. 36

SETTLEMENT

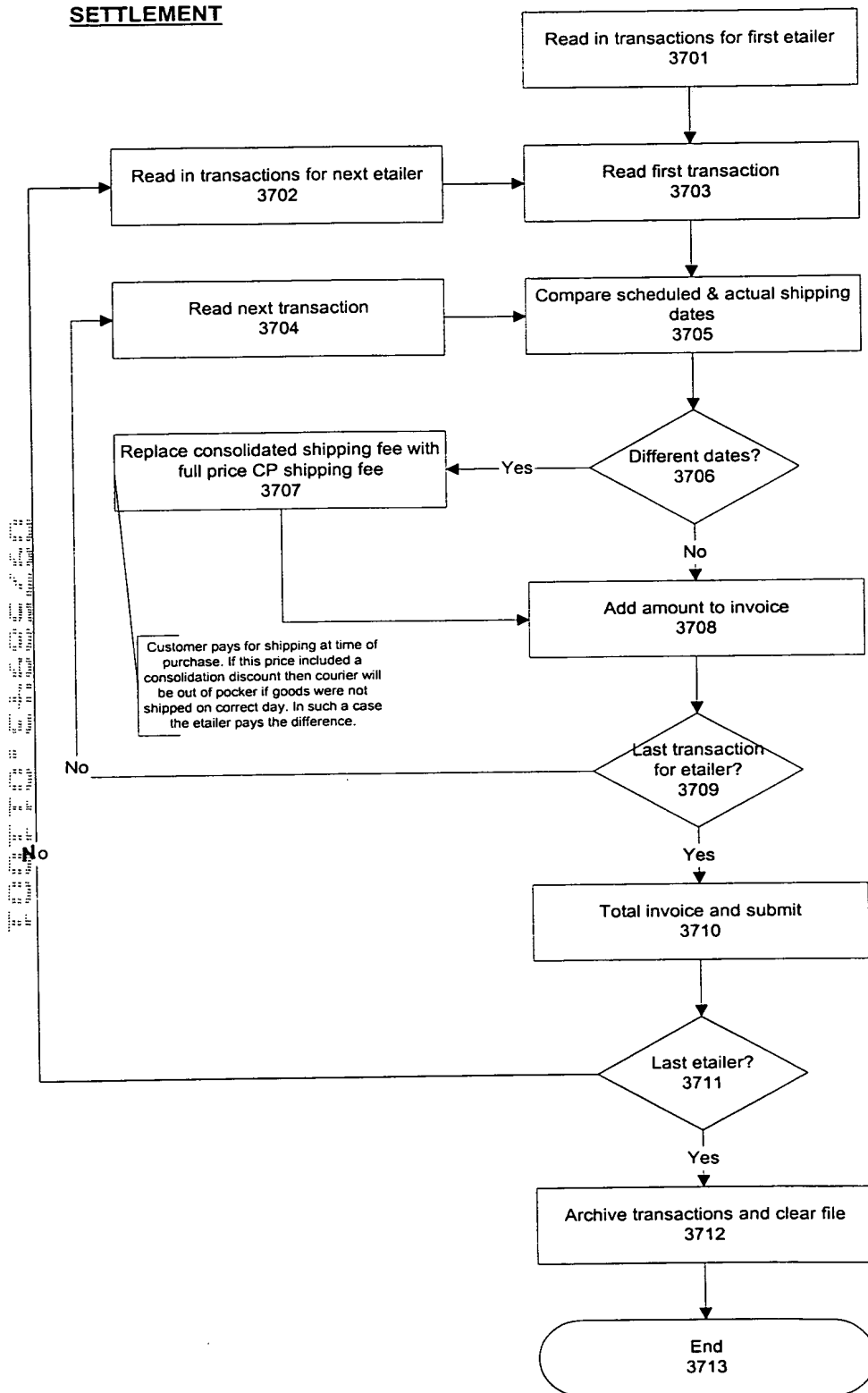


FIG. 37

SYSTEM PARAMETERS

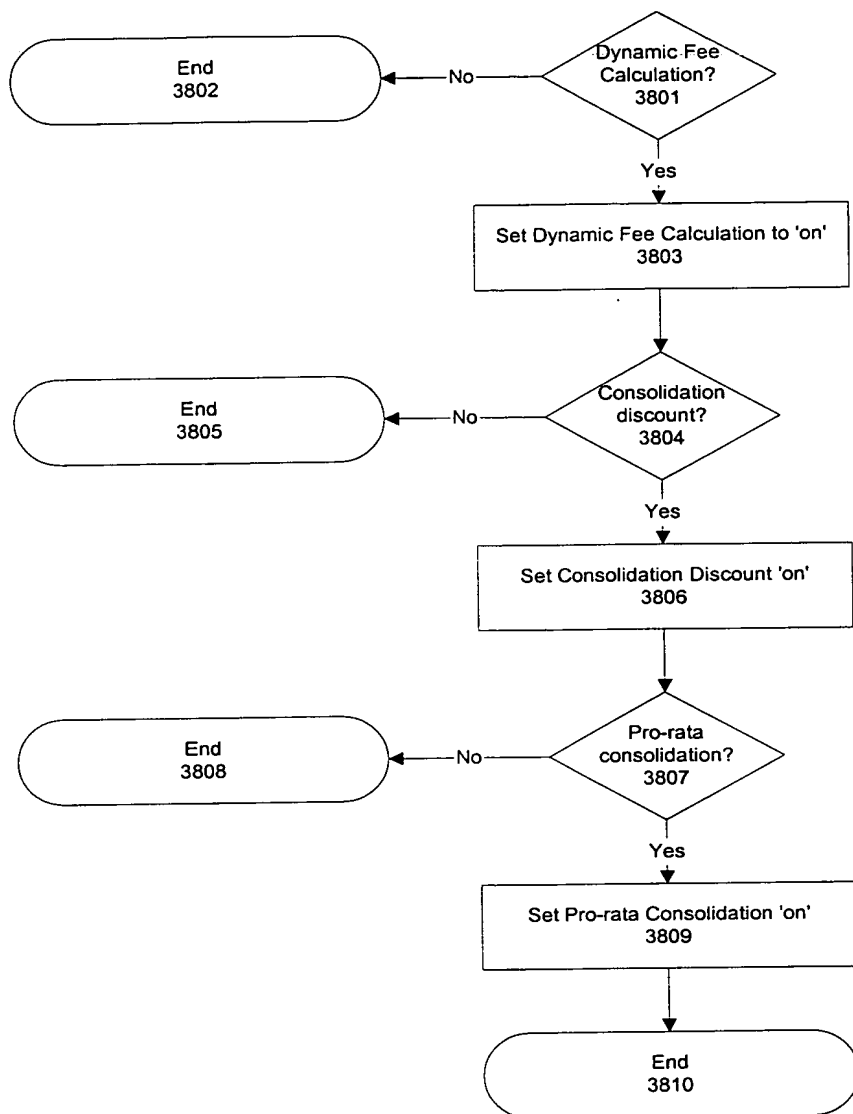
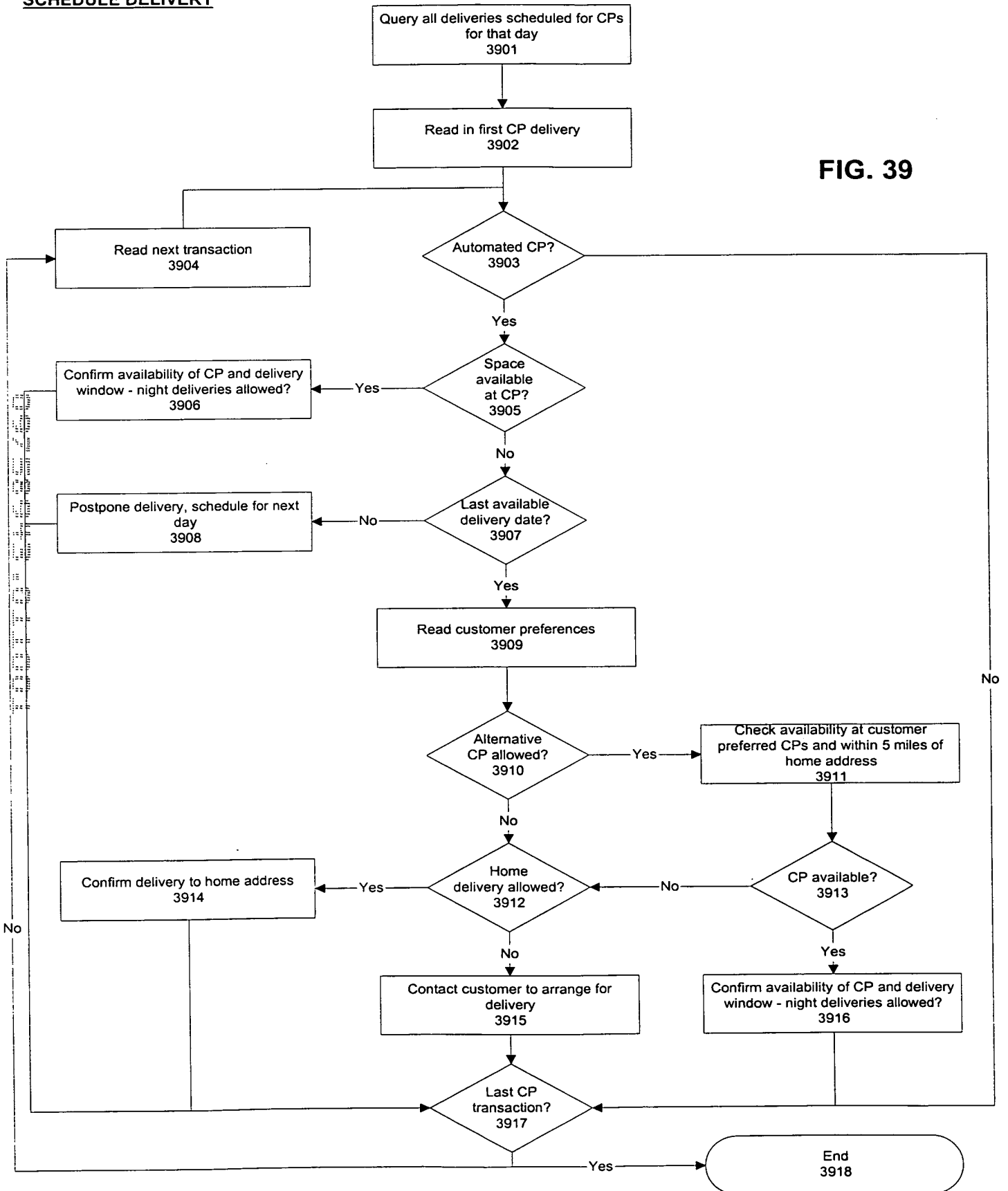


FIG. 38

SCHEDULE DELIVERY

FIG. 39



REDIRECT: HOME TO CP

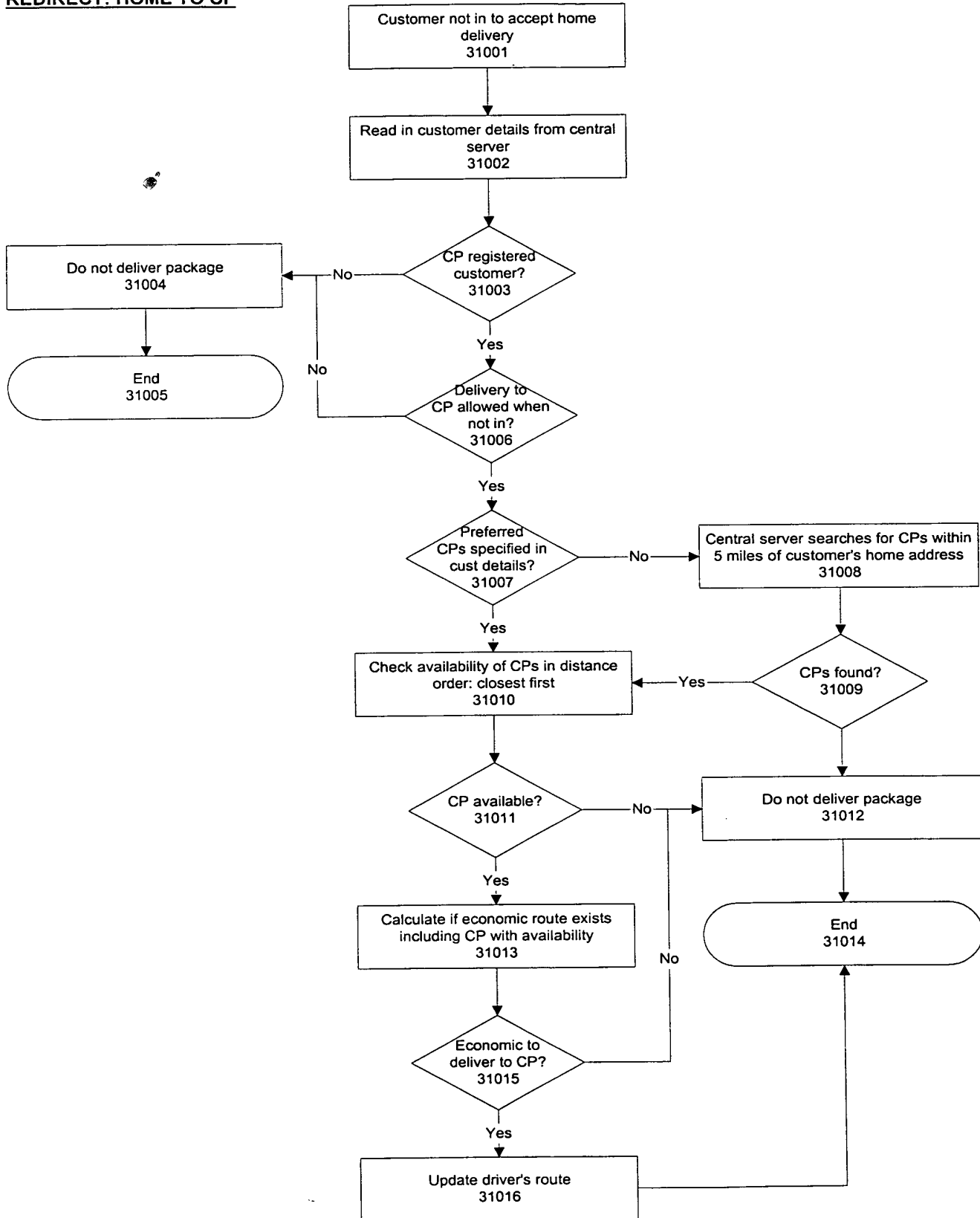


FIG. 40